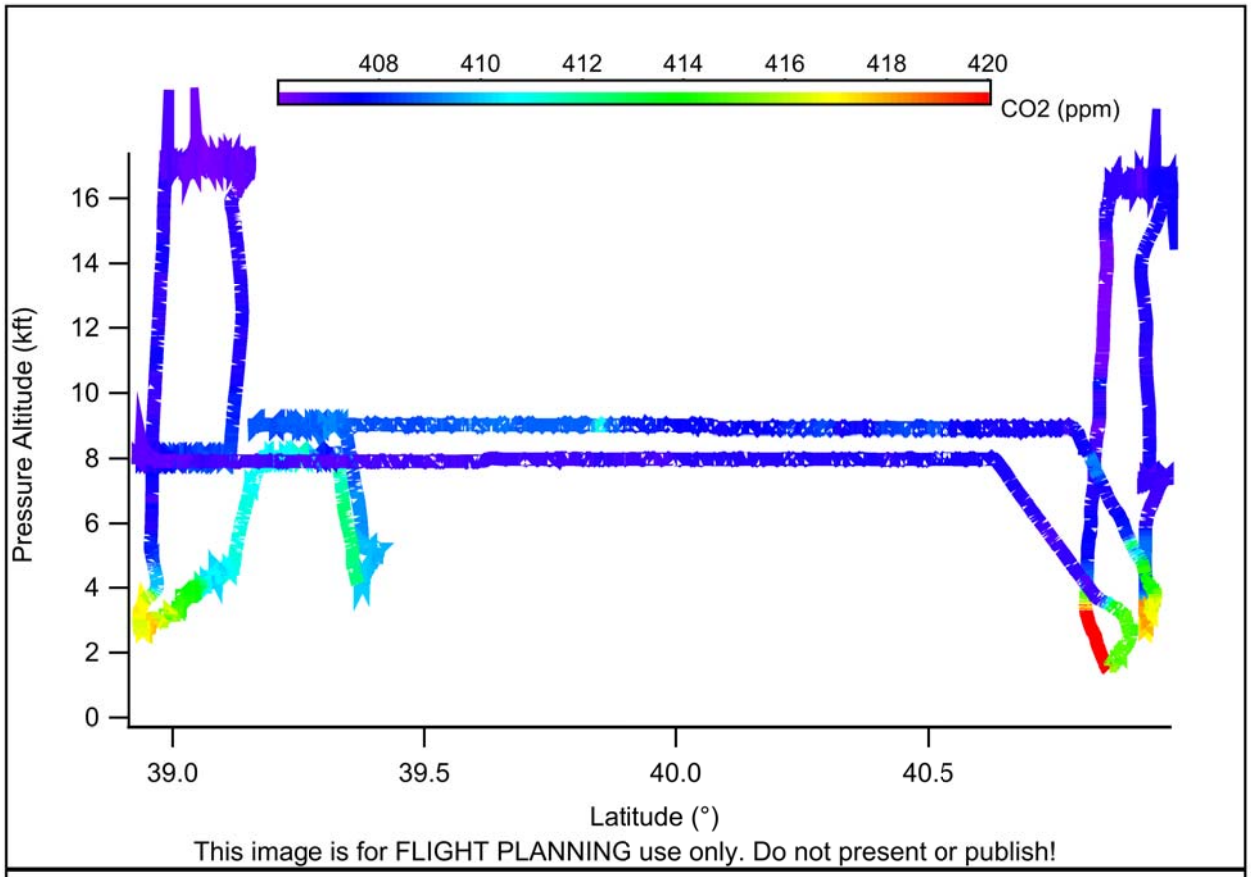
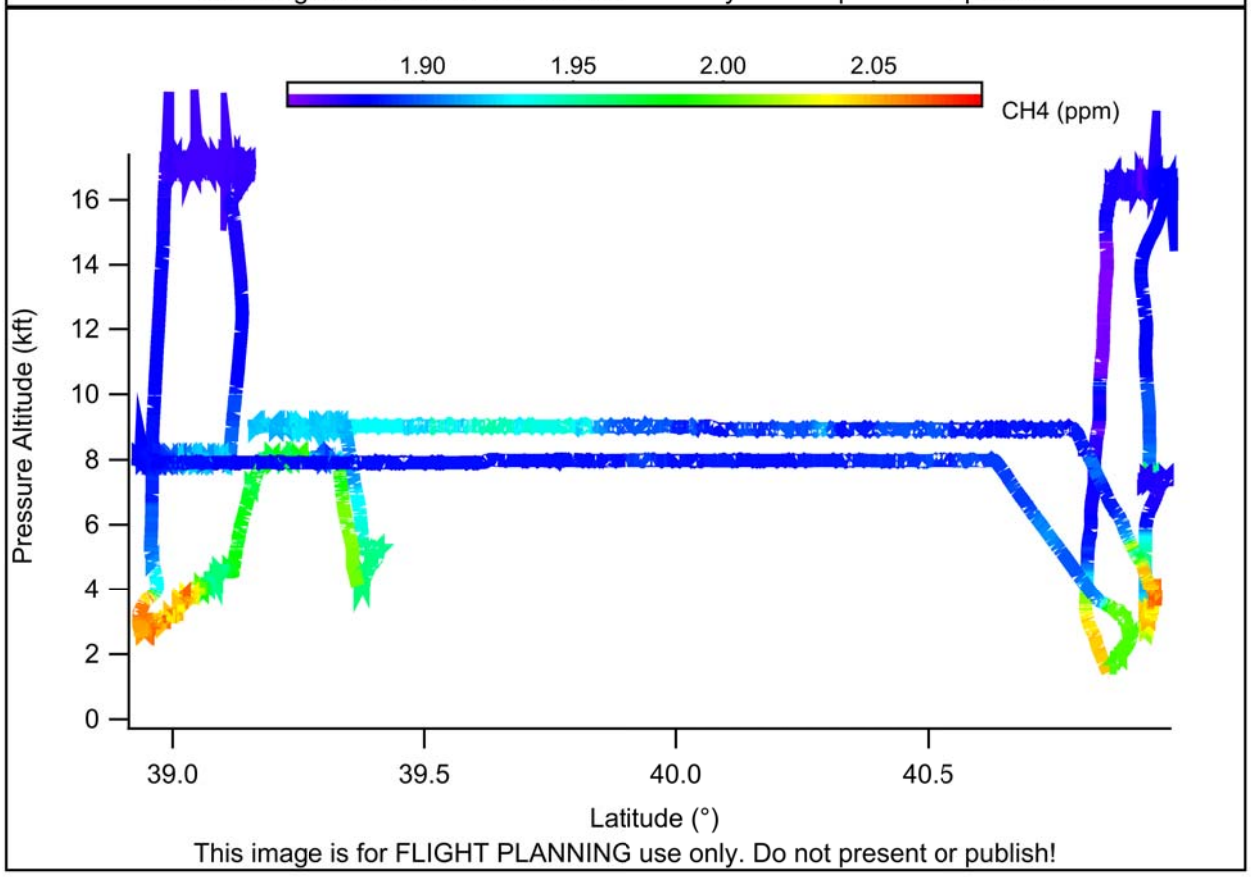
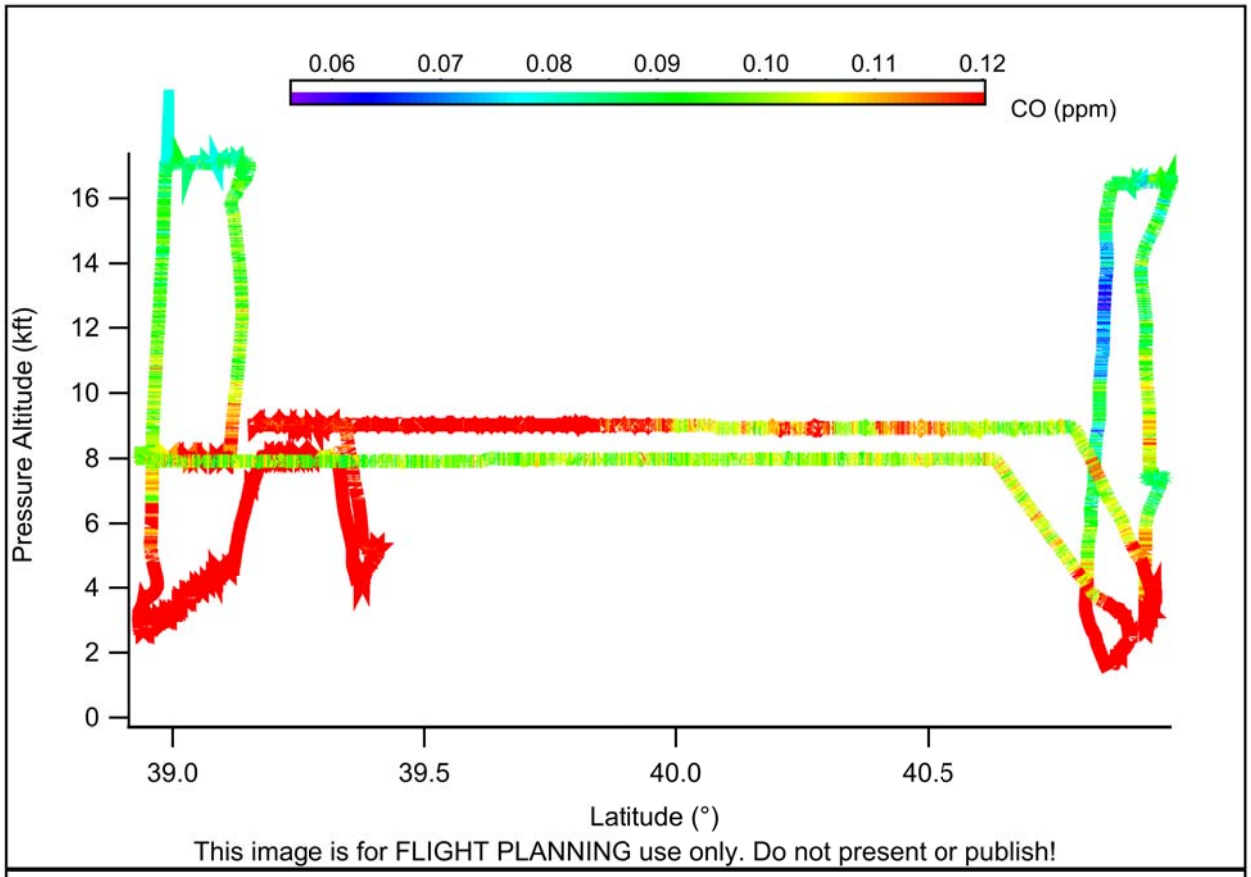
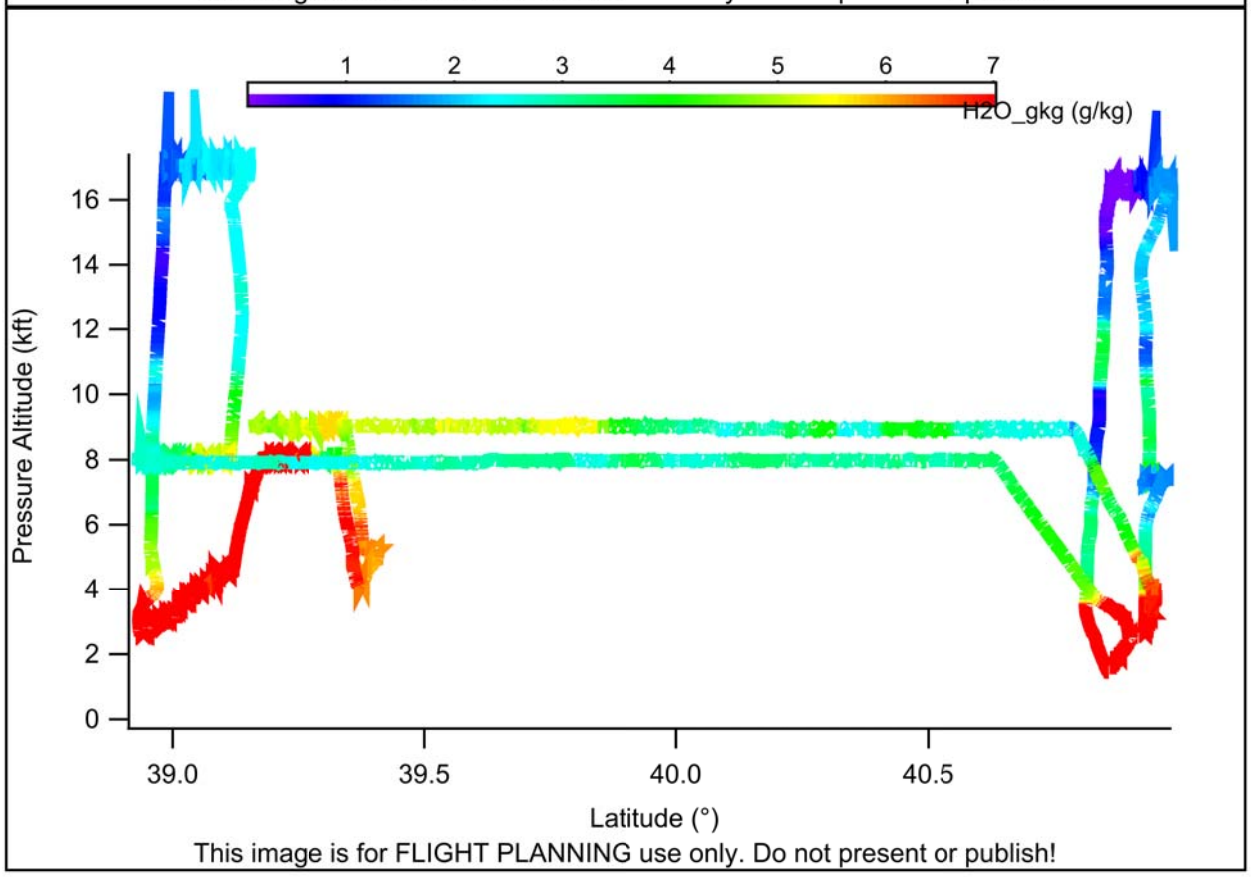
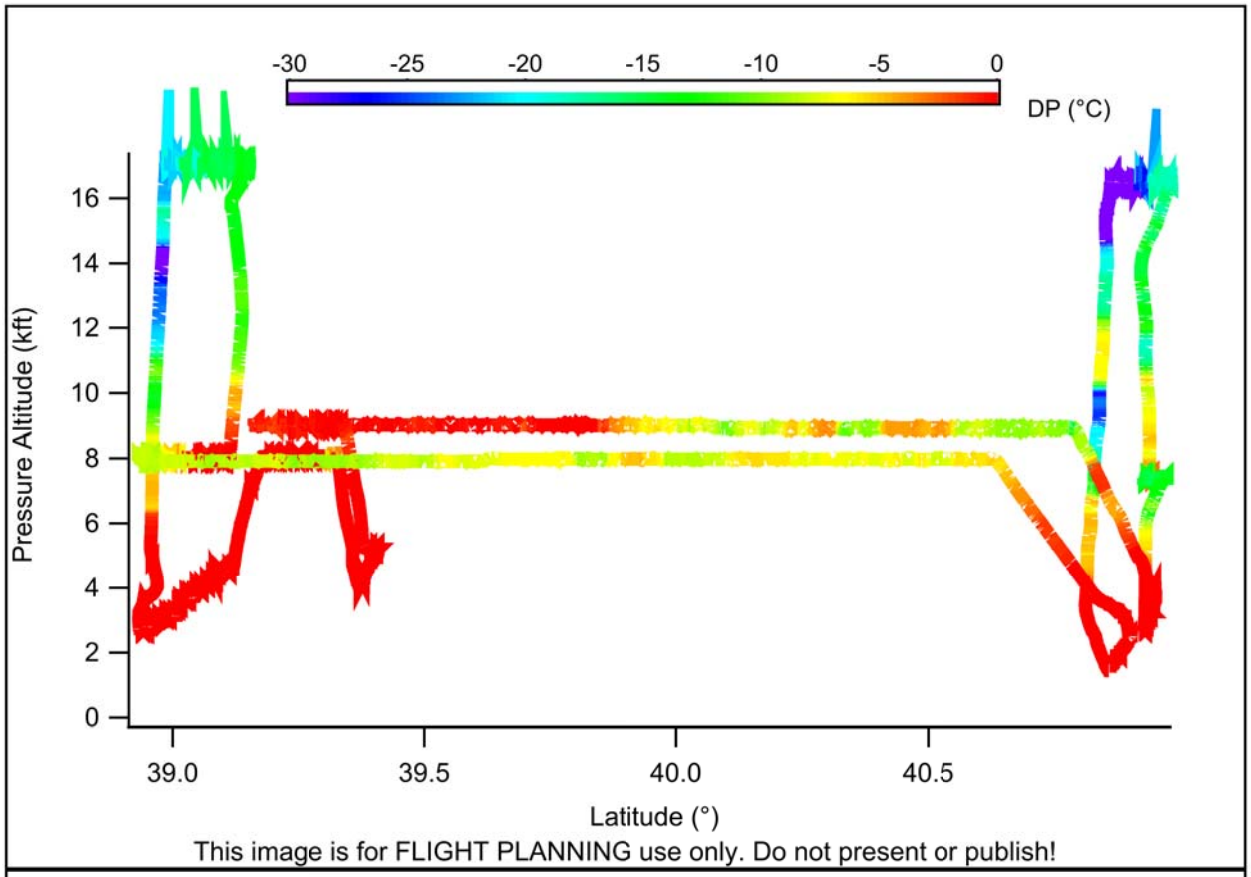
ACT-America 20170219

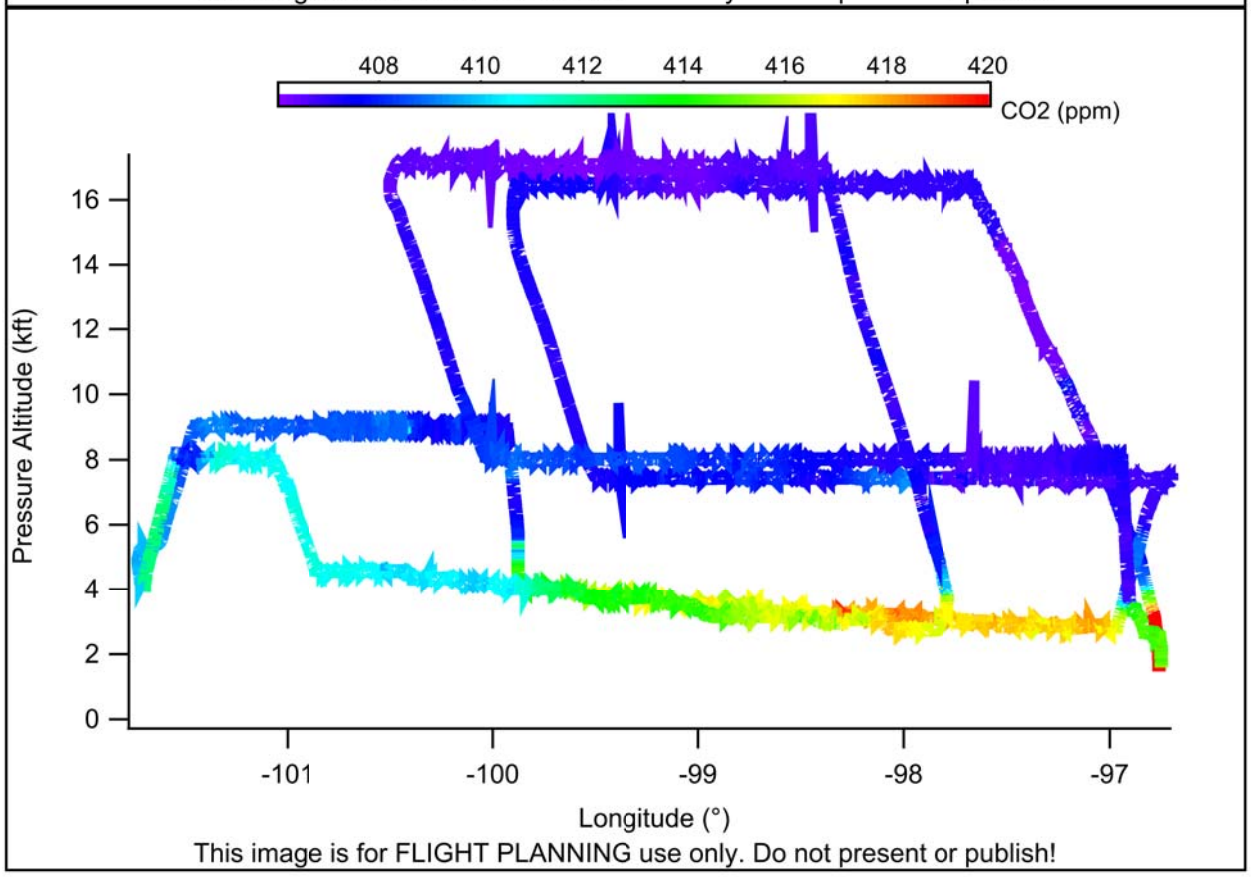

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

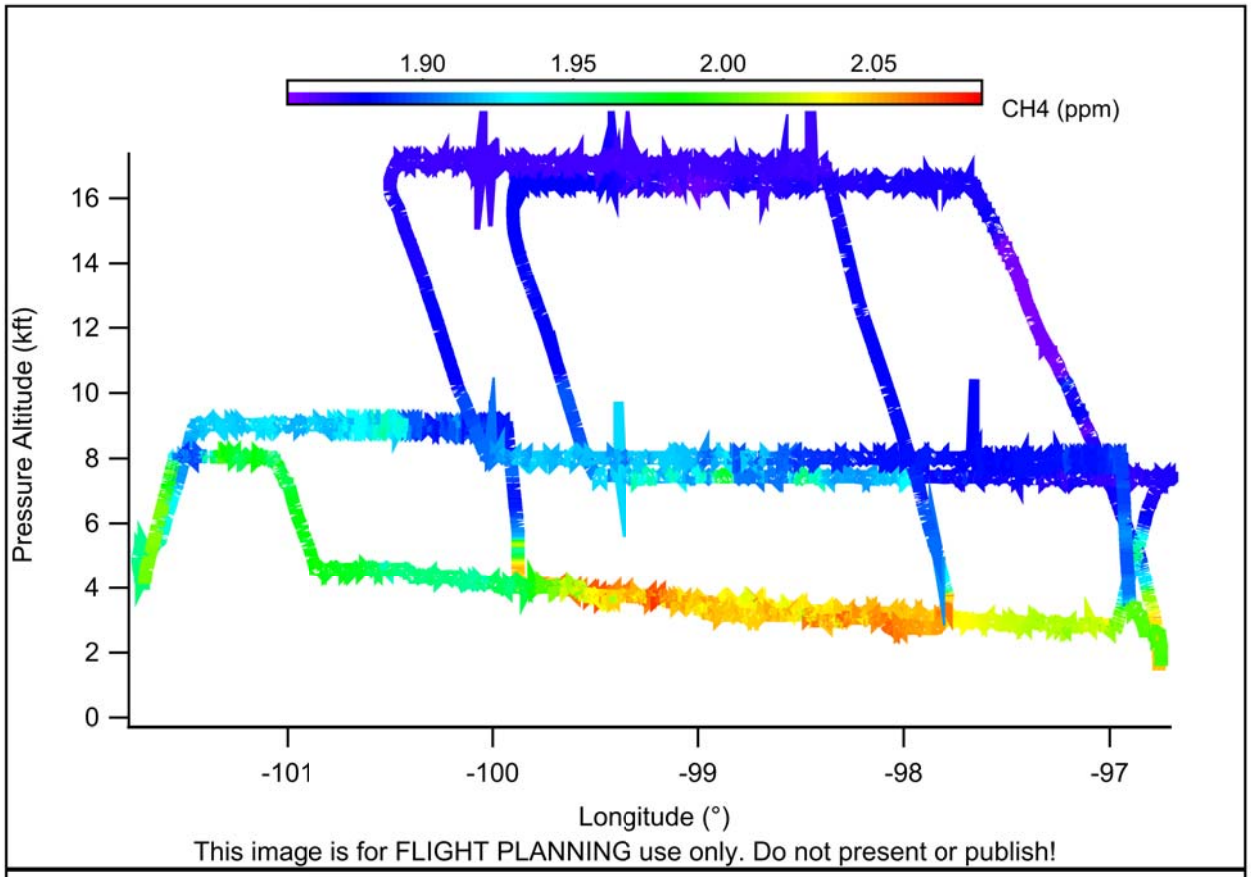

1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

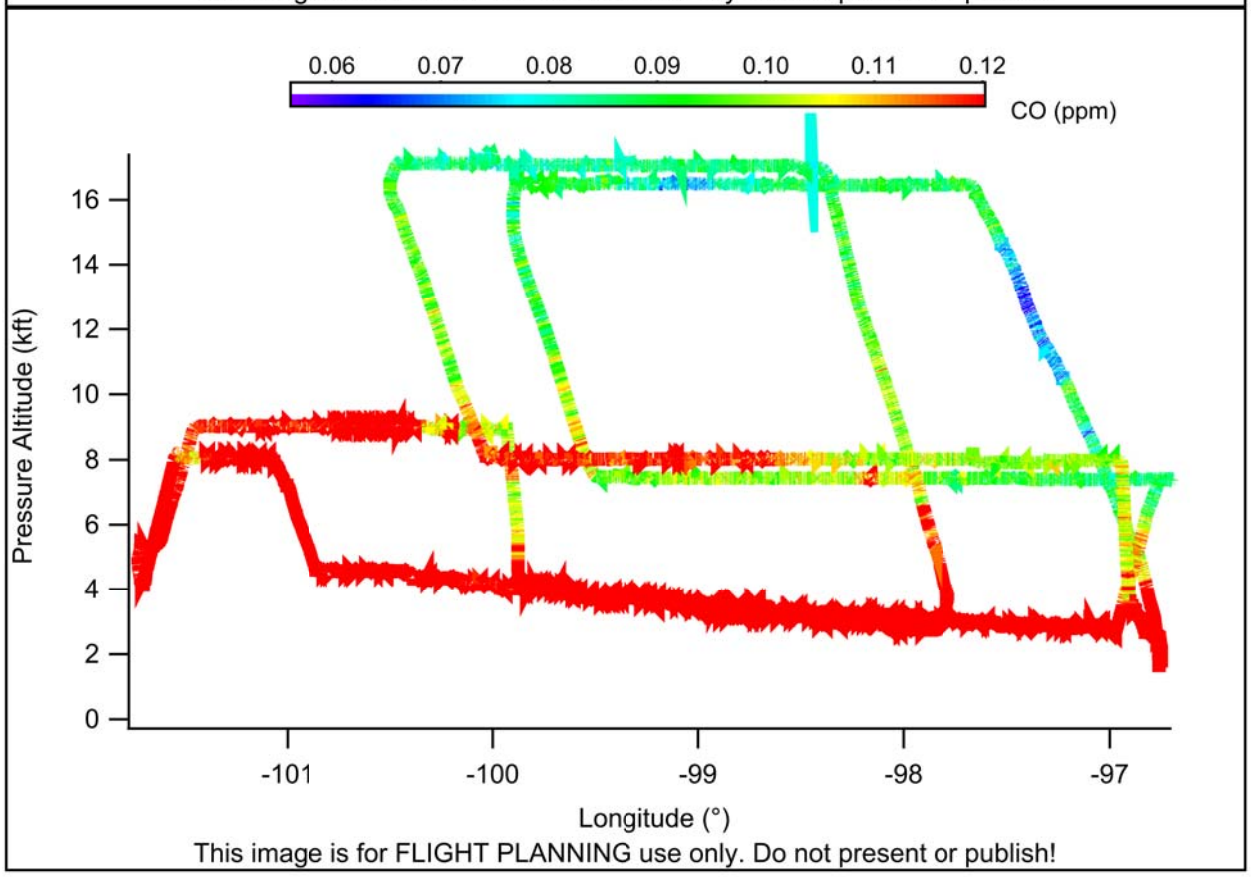

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

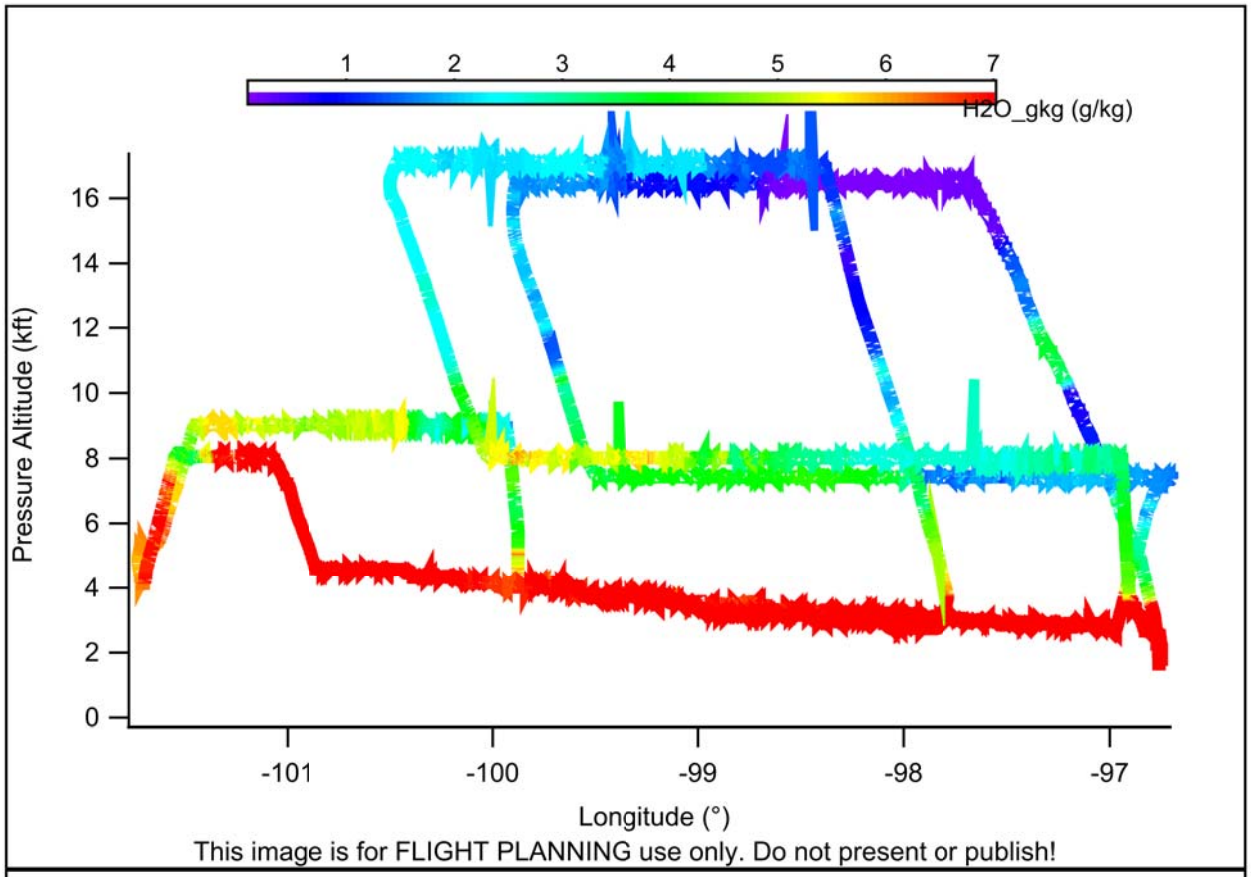

1
2
3
4
5
6
7
H2O_gkg (g/kg)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

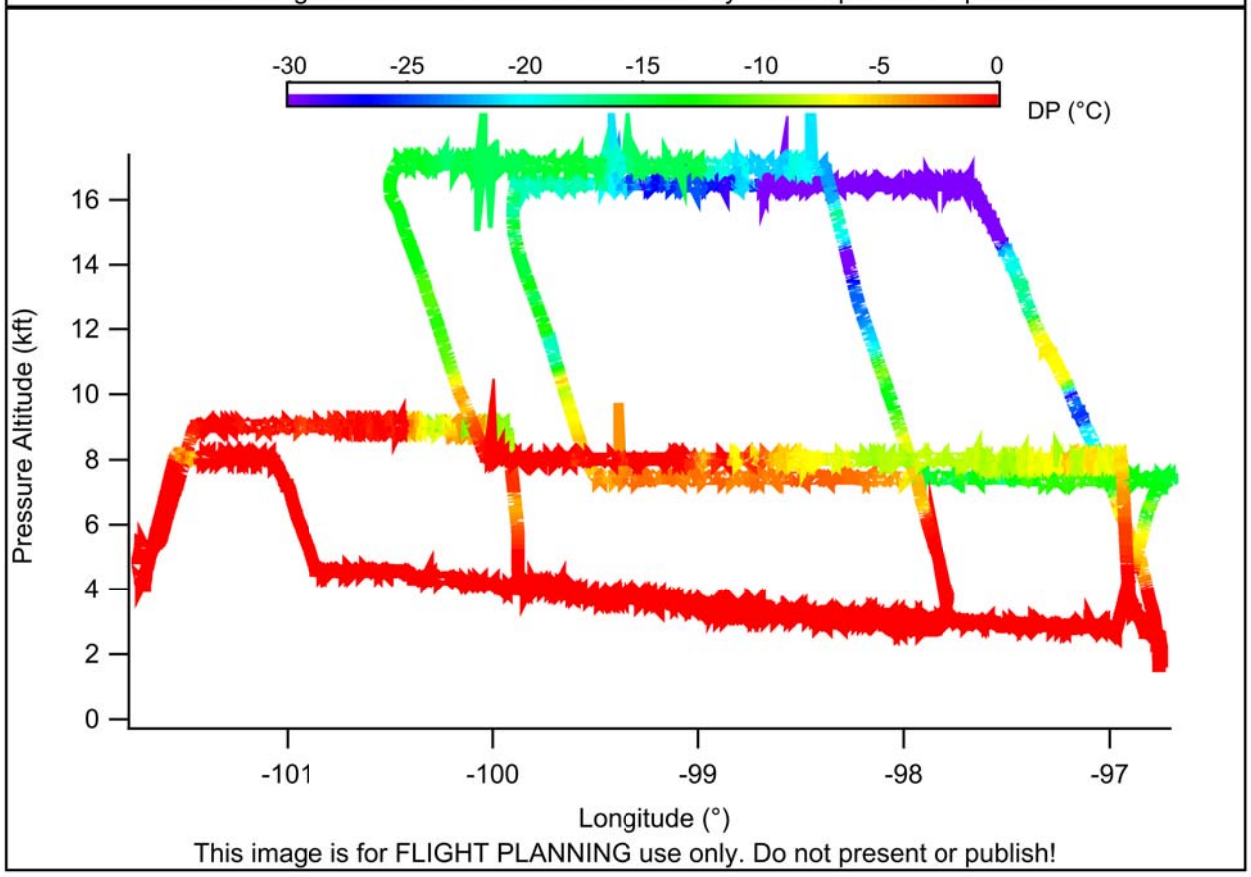

-30
-25
-20
-15
-10
-5
0
DP (°C)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
39.0
39.5
40.0
40.5
Latitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

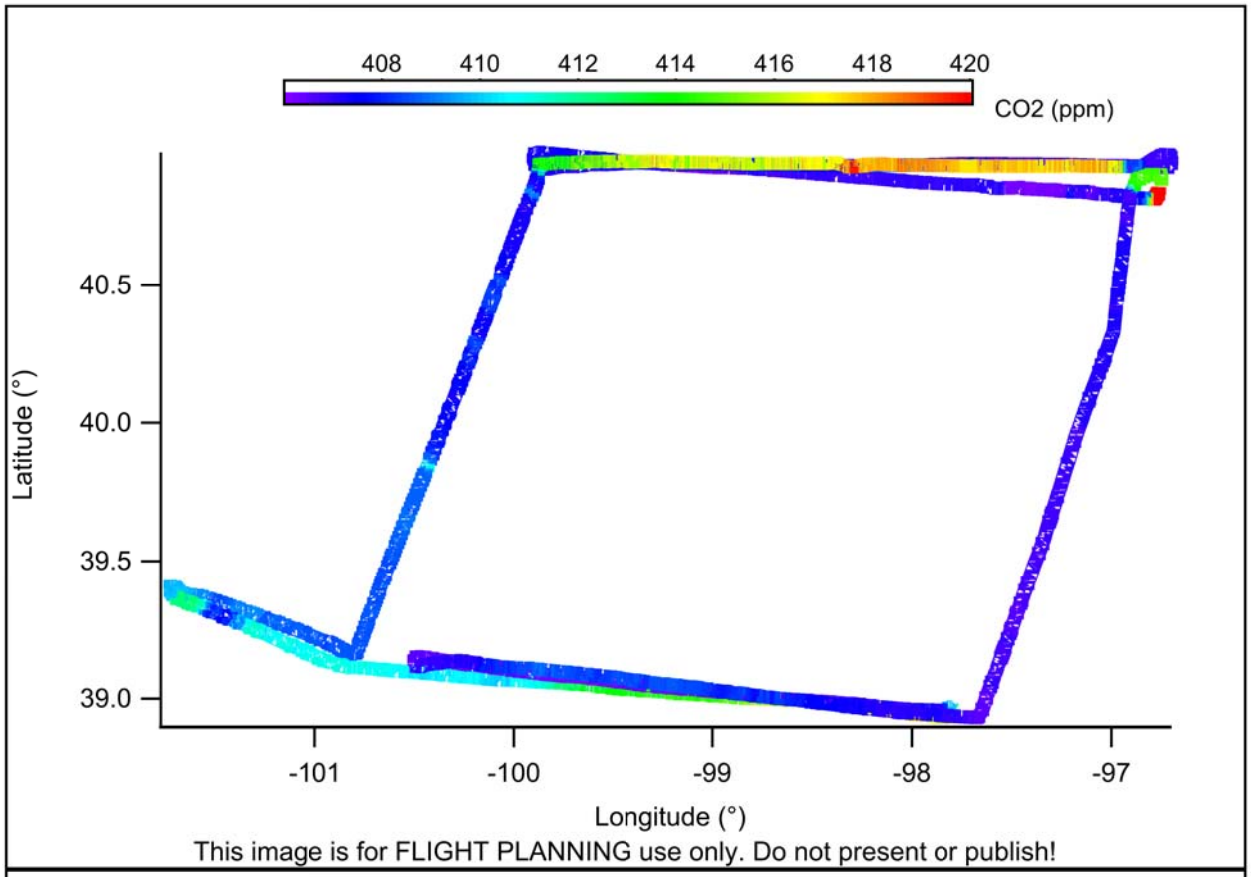

408
410
412
414
416
418
420
CO2 (ppm)
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
0
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

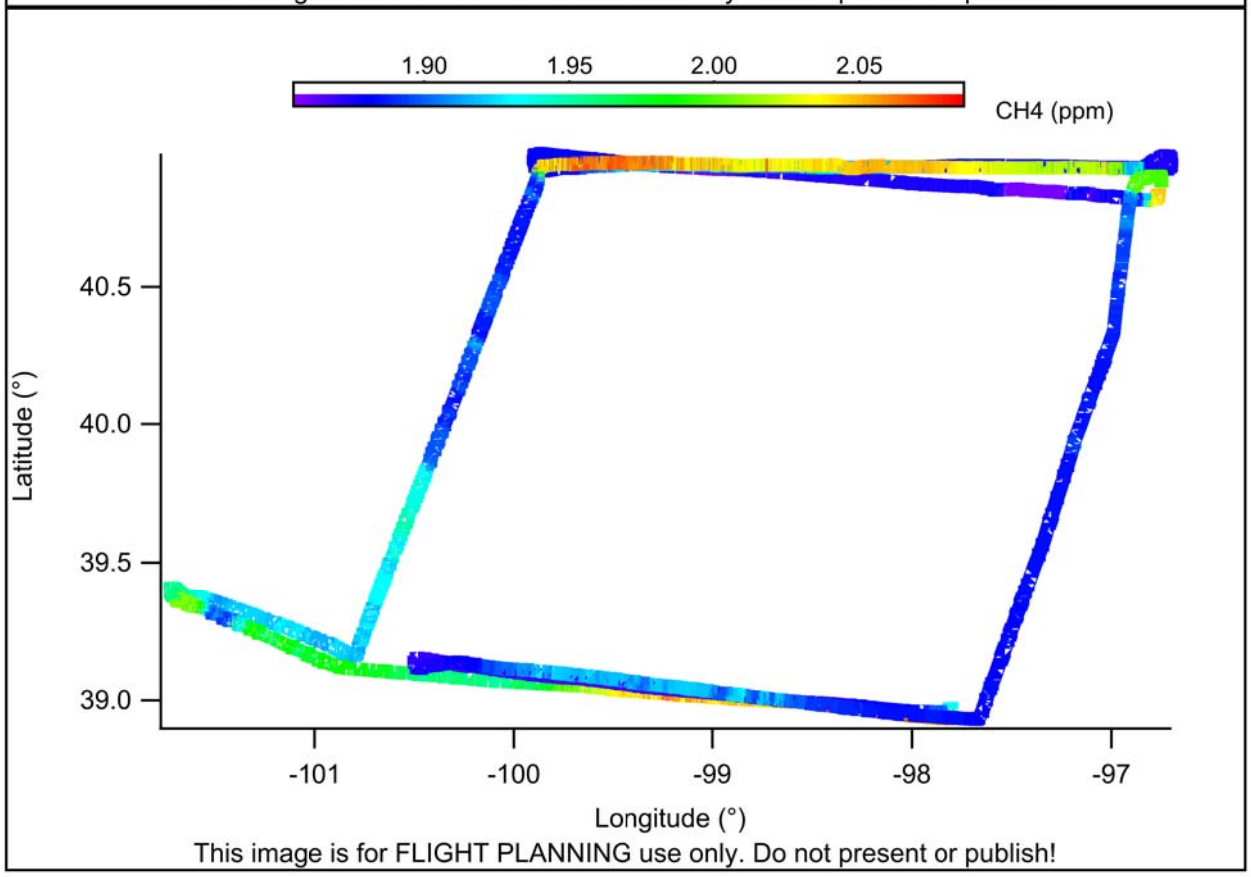

1.90
1.95
2.00
2.05
CH4 (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
Pressure Altitude (kft)
0
2
4
6
8
10
12
14
16
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1 2 3 4 5 6 7
H2O_gkg (g/kg)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14 16
-101 -100 -99 -98 -97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


-30 -25 -20 -15 -10 -5 0
DP (°C)
Pressure Altitude (kft)
0 2 4 6 8 10 12 14 16
-101 -100 -99 -98 -97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


408
410
412
414
416
418
420
CO2 (ppm)
40.5
40.0
39.5
39.0
Latitude (°)
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


1.90
1.95
2.00
2.05
CH4 (ppm)
40.5
40.0
39.5
39.0
Latitude (°)
-101
-100
-99
-98
-97
Longitude (°)
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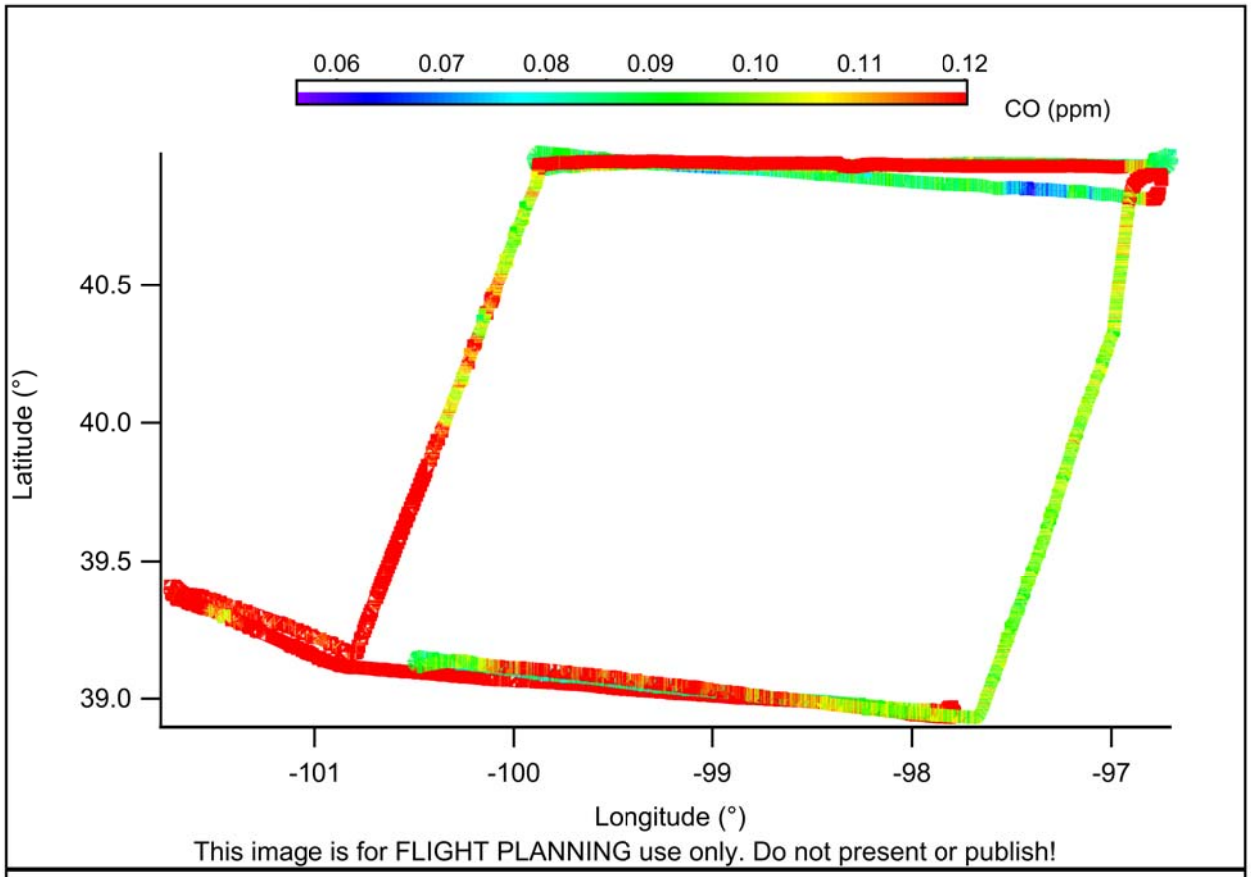
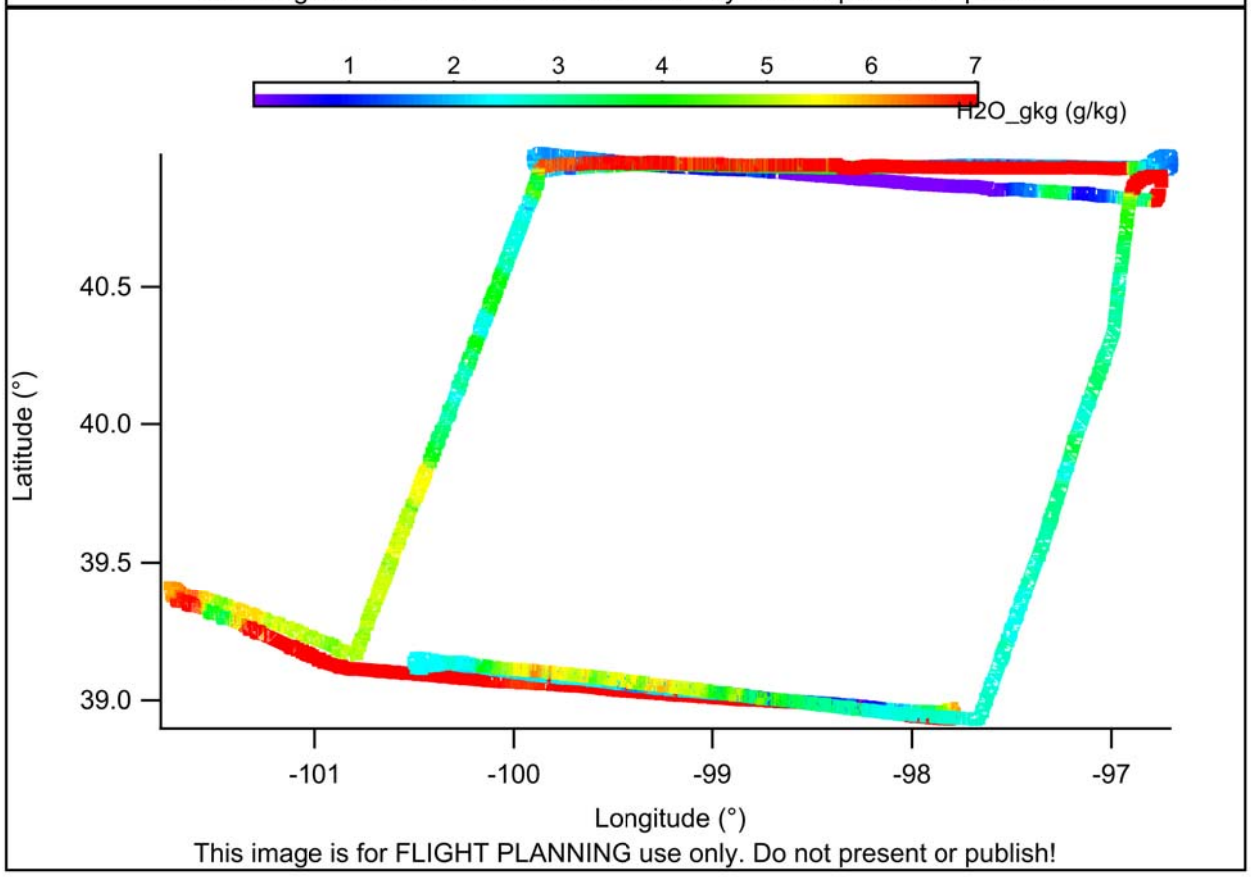
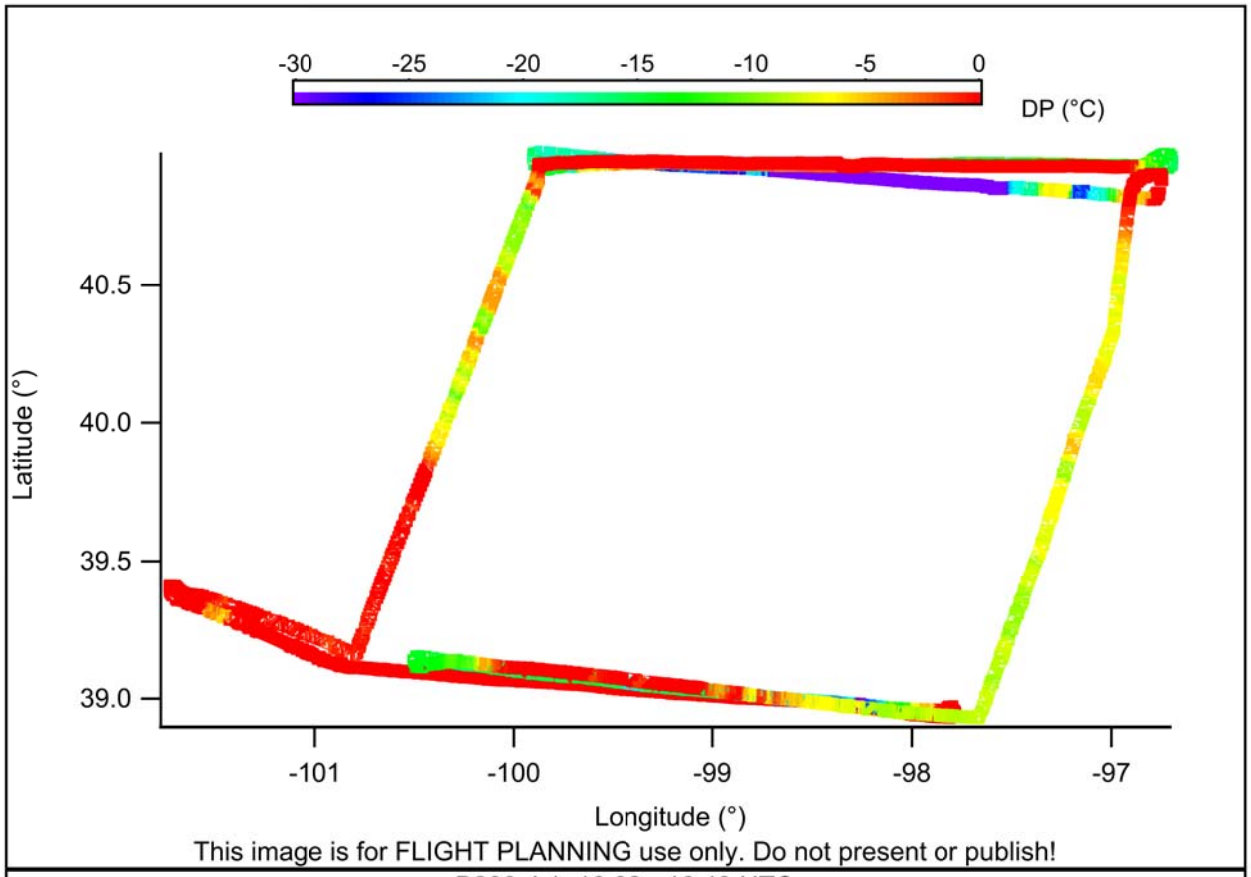
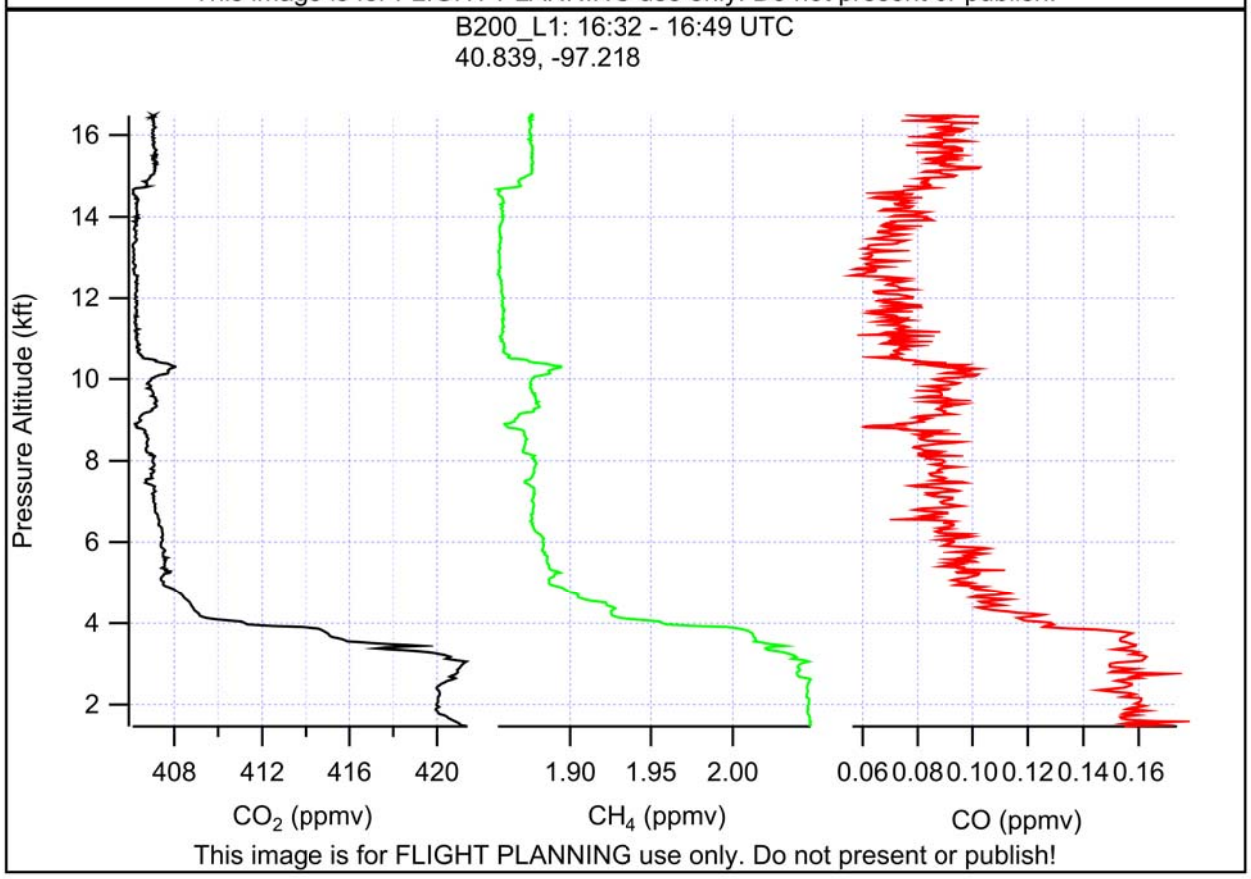
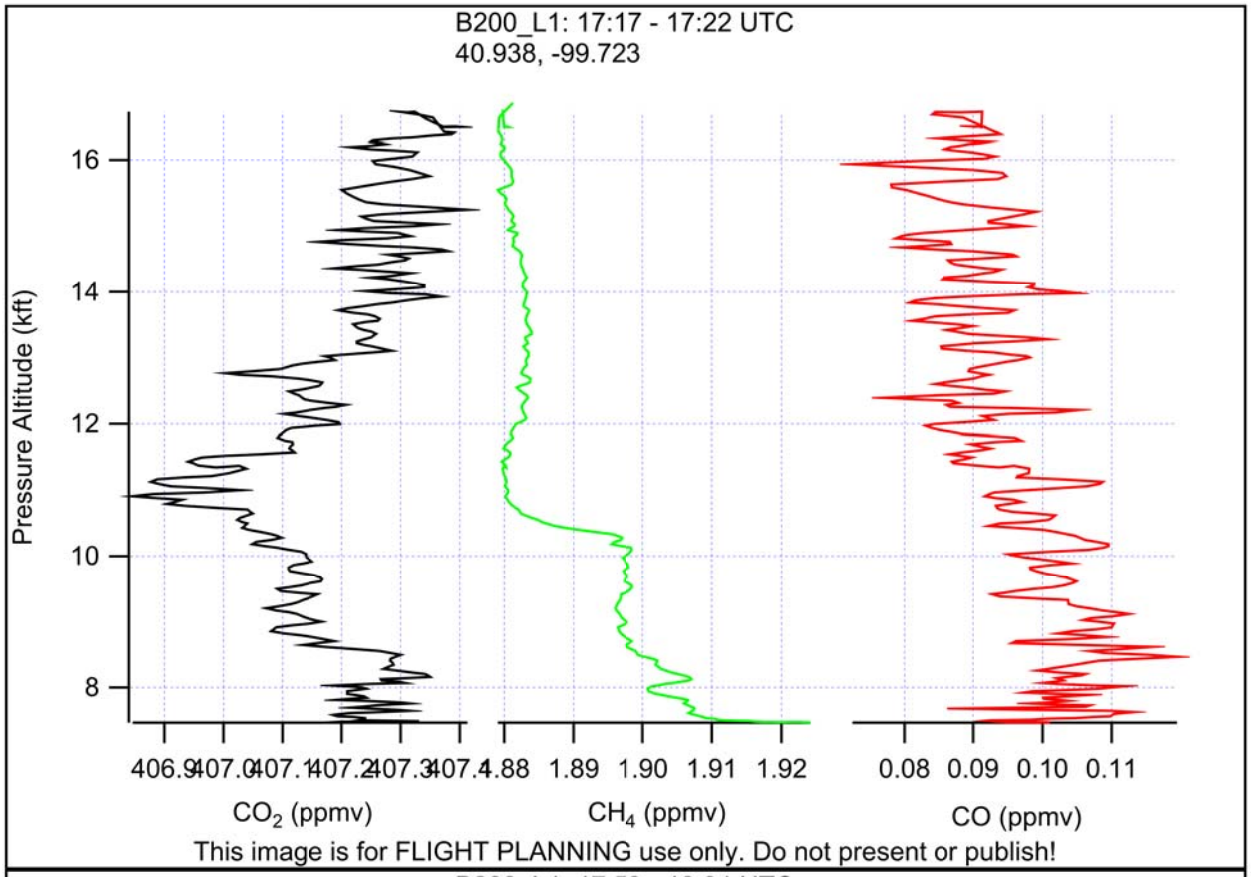
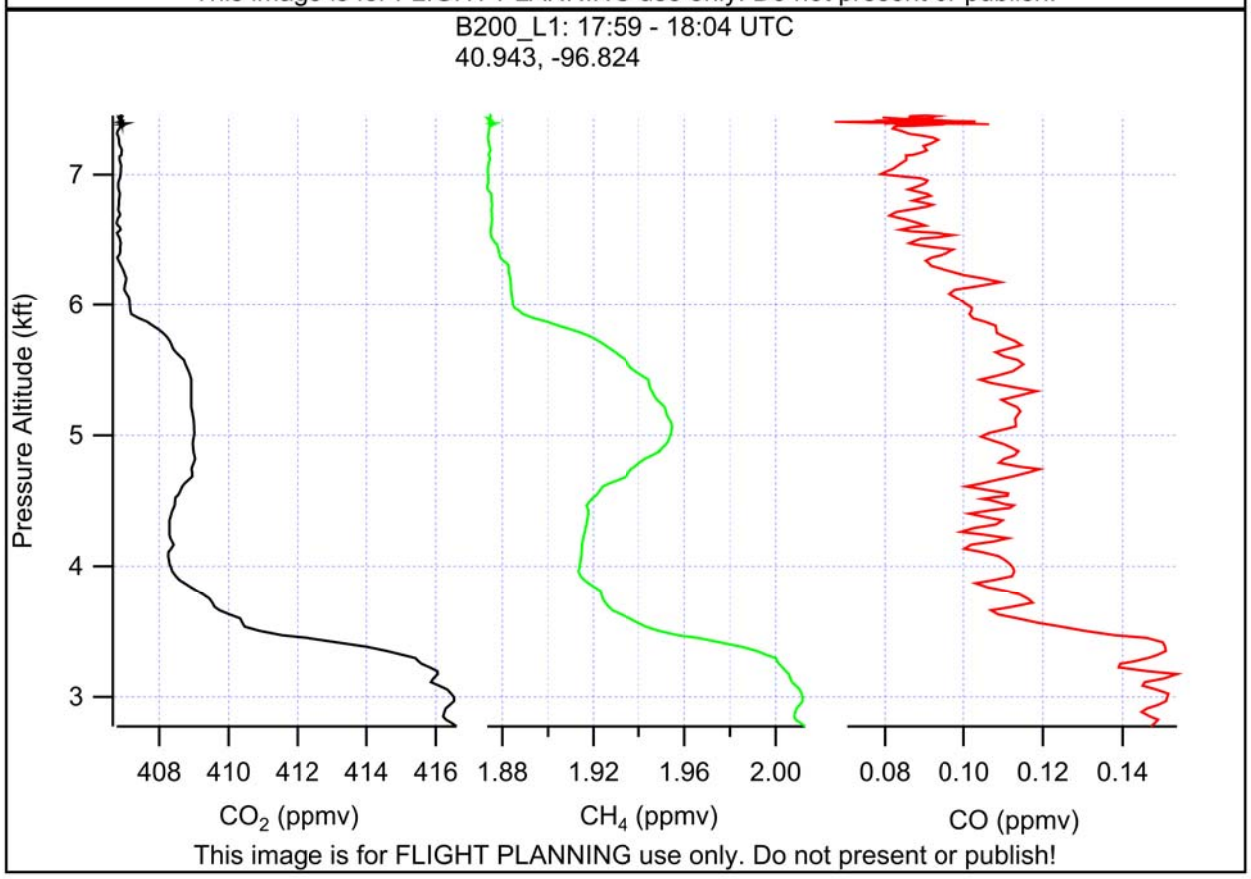

0.06
0.07
0.08
0.09
0.10
0.11
0.12
CO (ppm)
40.5
40.0
39.5
39.0
Latitude (°)
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

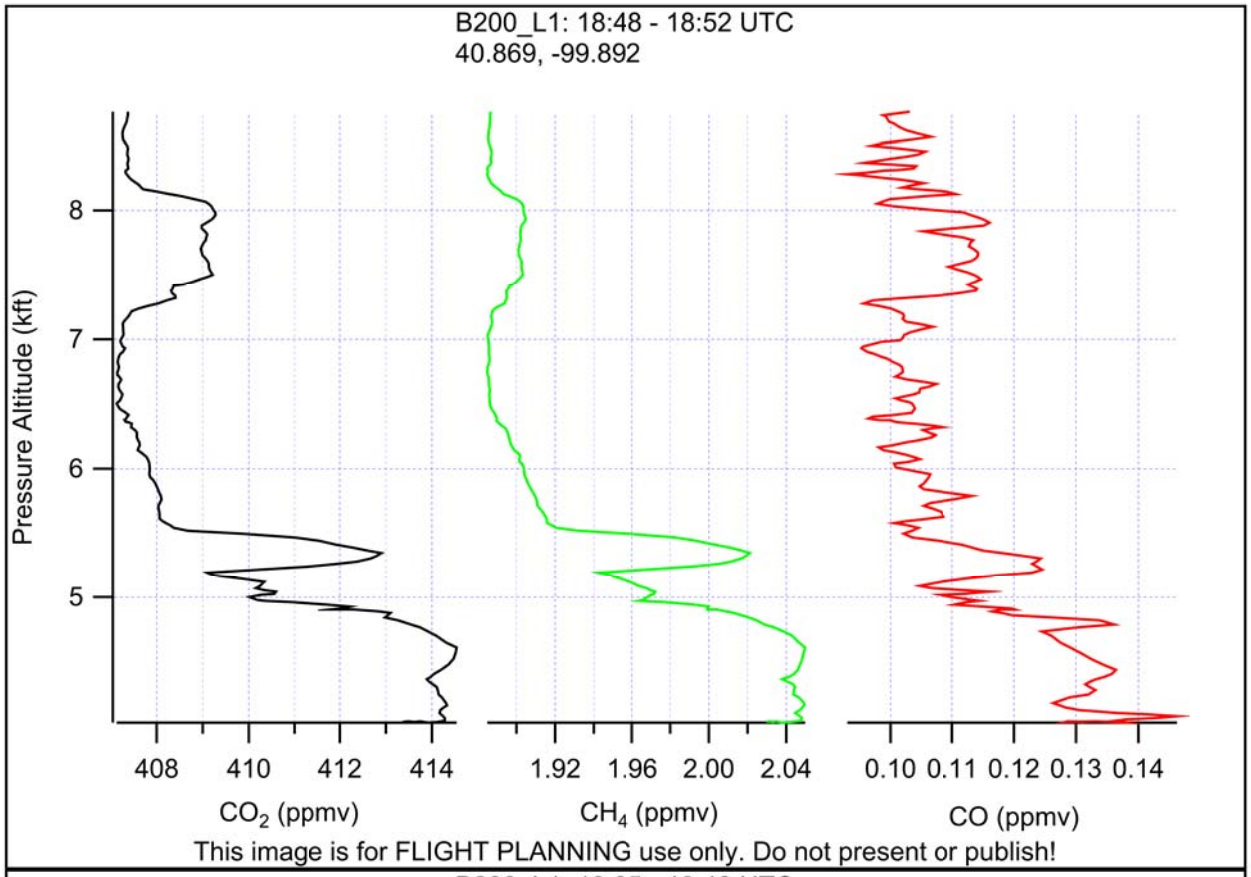

1
2
3
4
5
6
7
H2O_gkg (g/kg)
40.5
40.0
39.5
39.0
Latitude (°)
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!

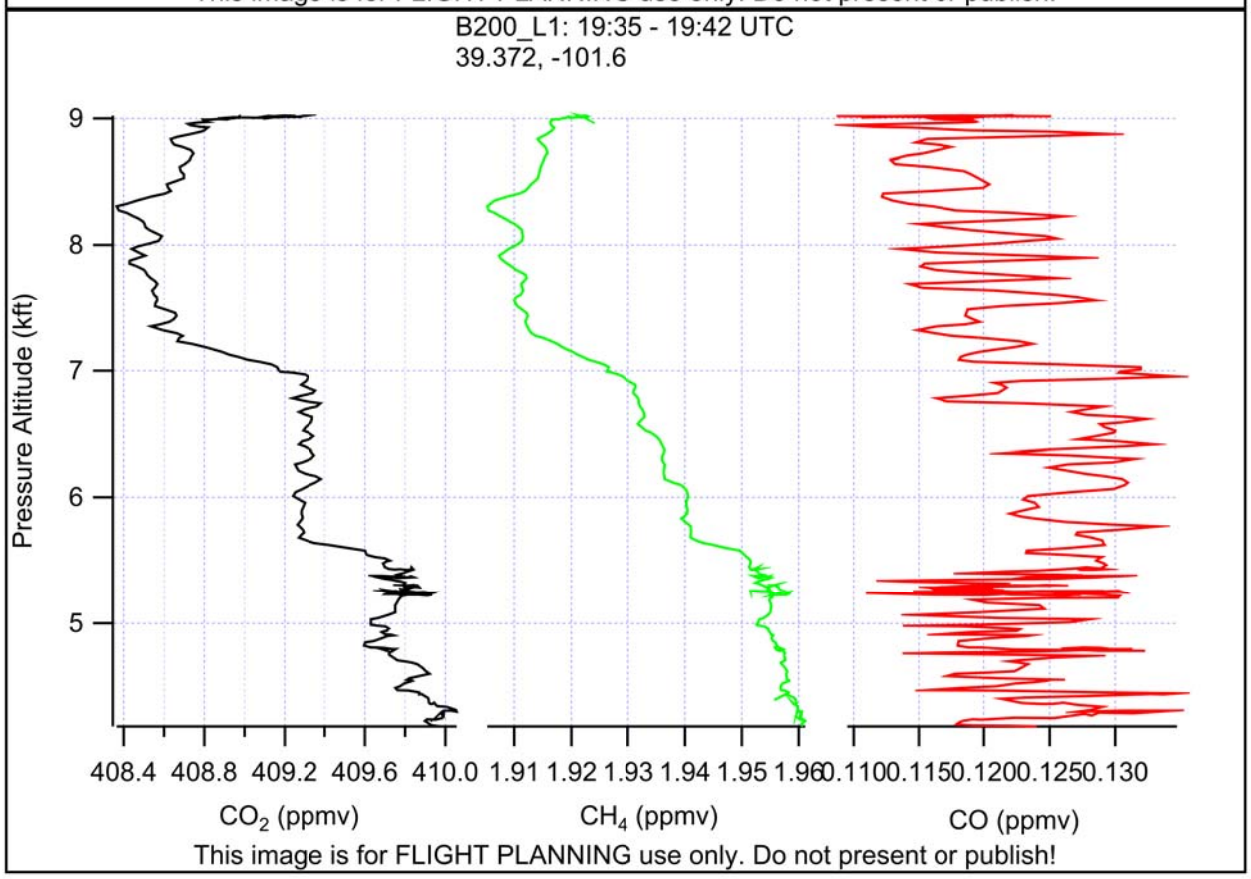

-30
-25
-20
-15
-10
-5
0
DP (°C)
40.5
40.0
39.5
39.0
Latitude (°)
-101
-100
-99
-98
-97
Longitude (°)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 16:32 - 16:49 UTC
40.839, -97.218
16
14
12
10
8
6
4
2
Pressure Altitude (kft)
408
412
416
420
CO2 (ppmv)
1.90
1.95
2.00
CH4 (ppmv)
0.06
0.08
0.10
0.12
0.14
0.16
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:17 - 17:22 UTC
40.938, -99.723
Pressure Altitude (kft)
16
14
12
10
8
406.9
407.0
407.1
407.2
407.3
407.4
1.88
1.89
1.90
1.91
1.92
0.08
0.09
0.10
0.11
CO2 (ppmv)
CH4 (ppmv)
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 17:59 - 18:04 UTC
40.943, -96.824
Pressure Altitude (kft)
7
6
5
4
3
408
410
412
414
416
1.88
1.92
1.96
2.00
0.08
0.10
0.12
0.14
CO2 (ppmv)
CH4 (ppmv)
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 18:48 - 18:52 UTC
40.869, -99.892
Pressure Altitude (kft)
8
7
6
5
408
410
412
414
CO2 (ppmv)
1.92
1.96
2.00
2.04
CH4 (ppmv)
0.10
0.11
0.12
0.13
0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L1: 19:35 - 19:42 UTC
39.372, -101.6
Pressure Altitude (kft)
9
8
7
6
5
408.4
408.8
409.2
409.6
410.0
CO2 (ppmv)
1.91
1.92
1.93
1.94
1.95
1.96
CH4 (ppmv)
0.110
0.115
0.120
0.125
0.130
CO (ppmv)
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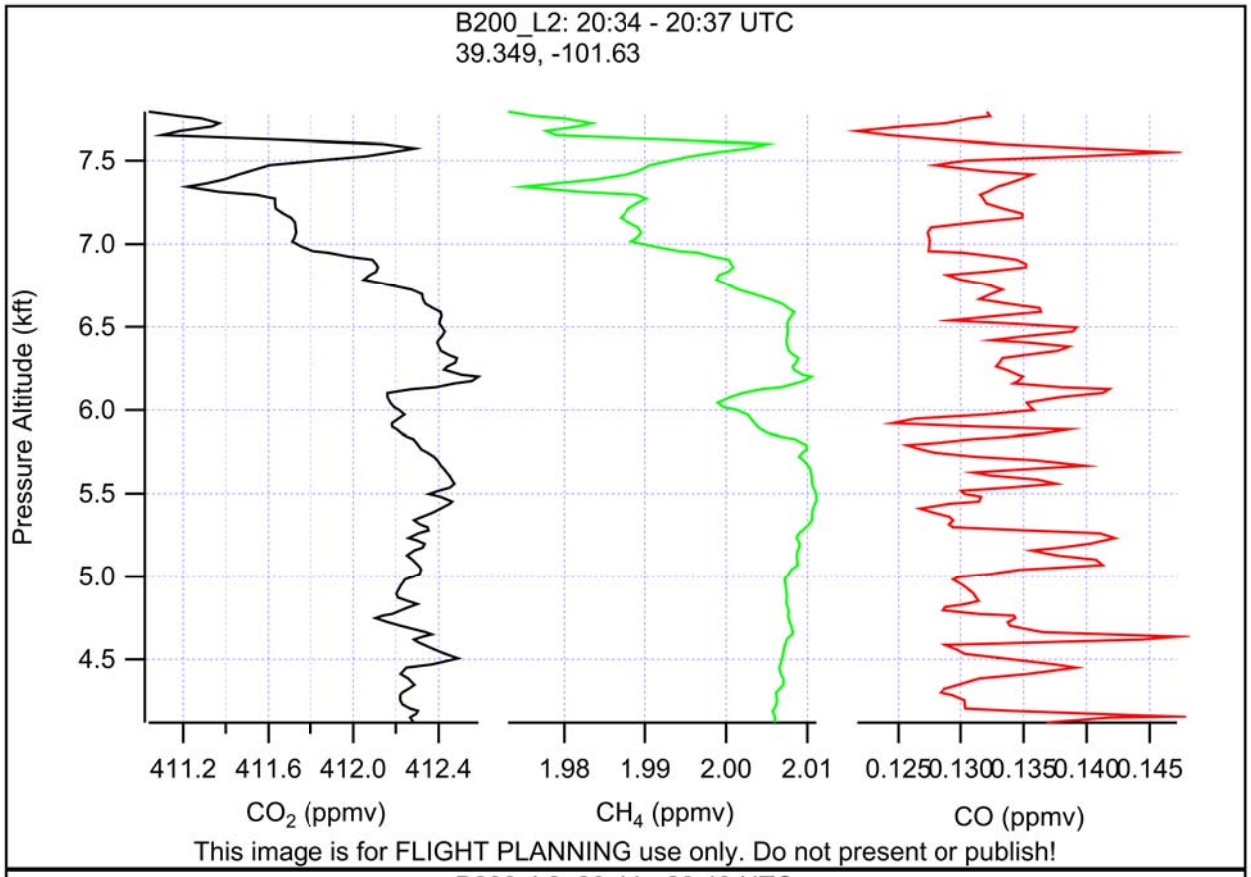
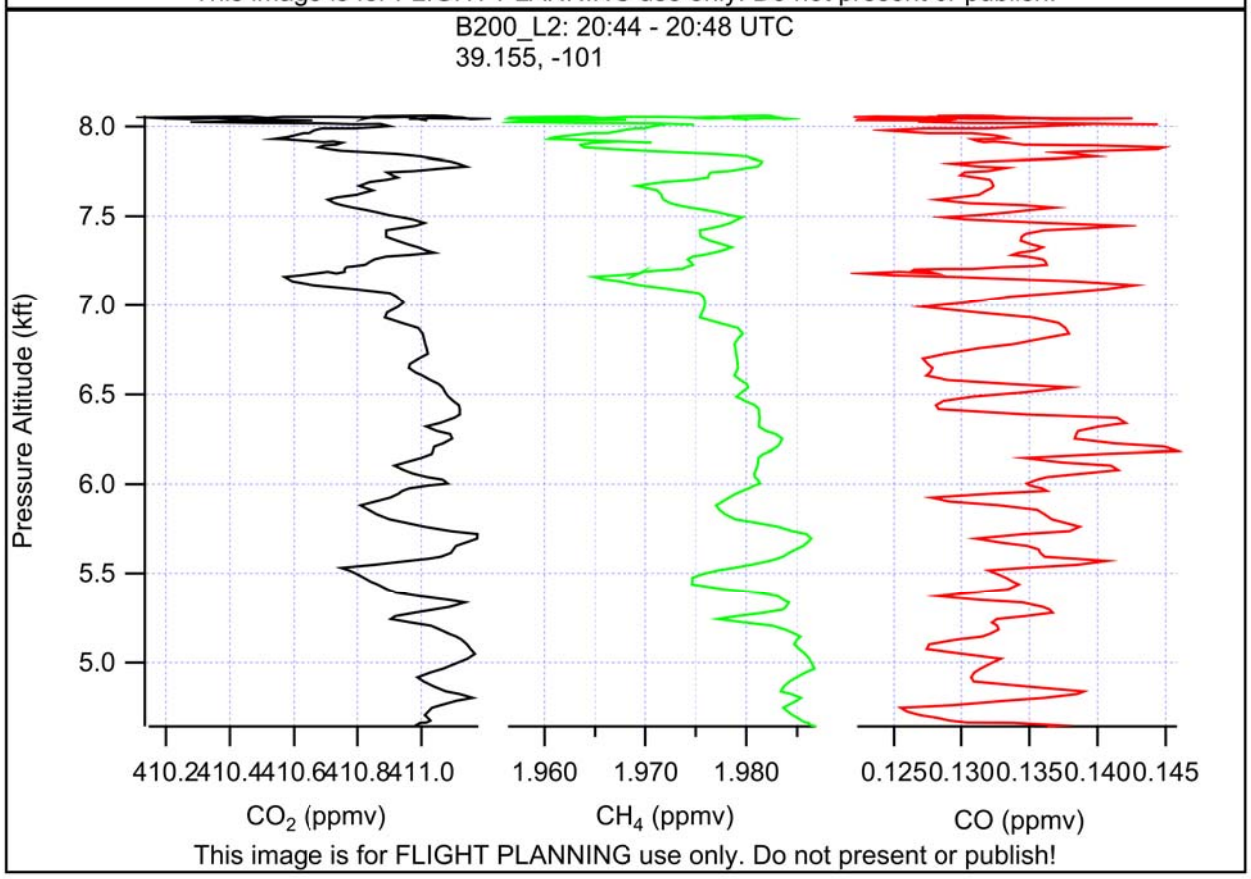
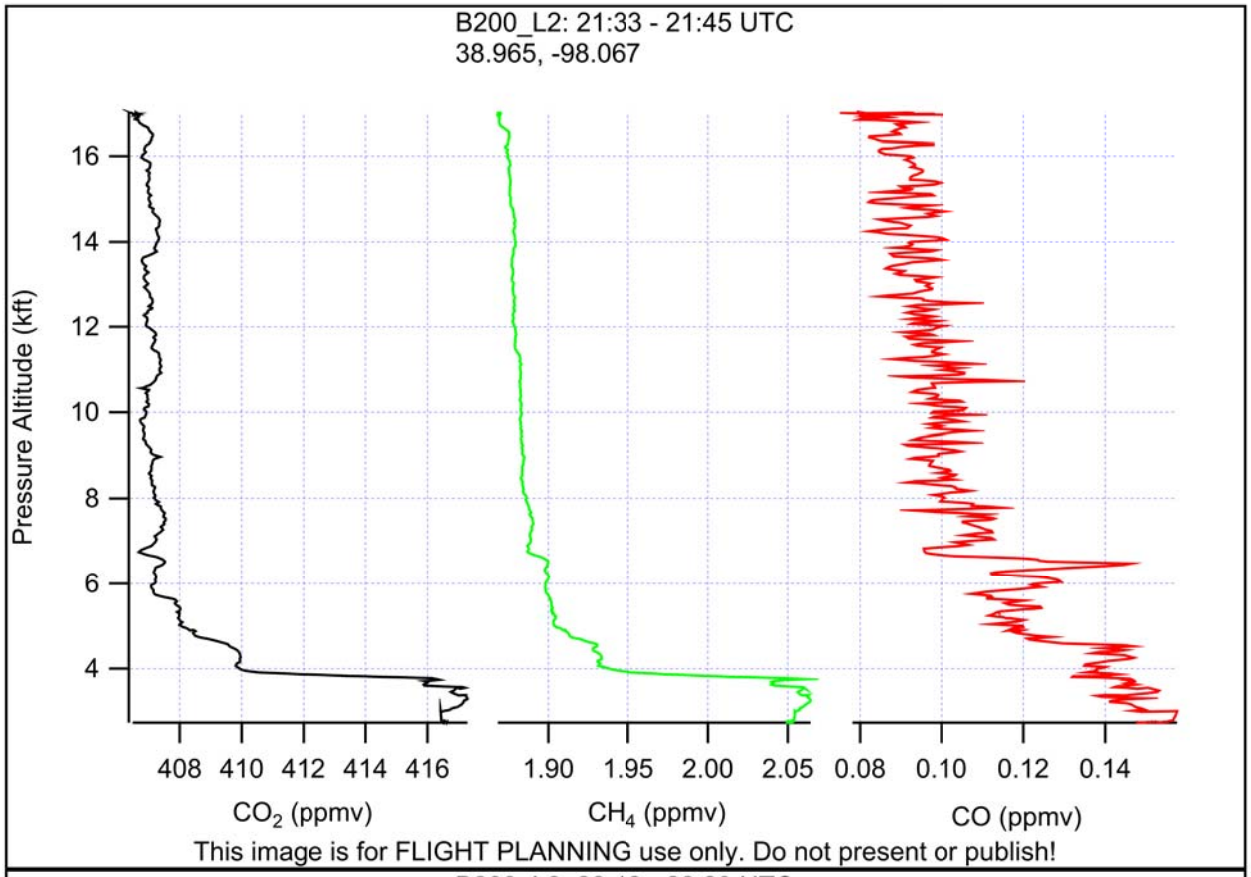
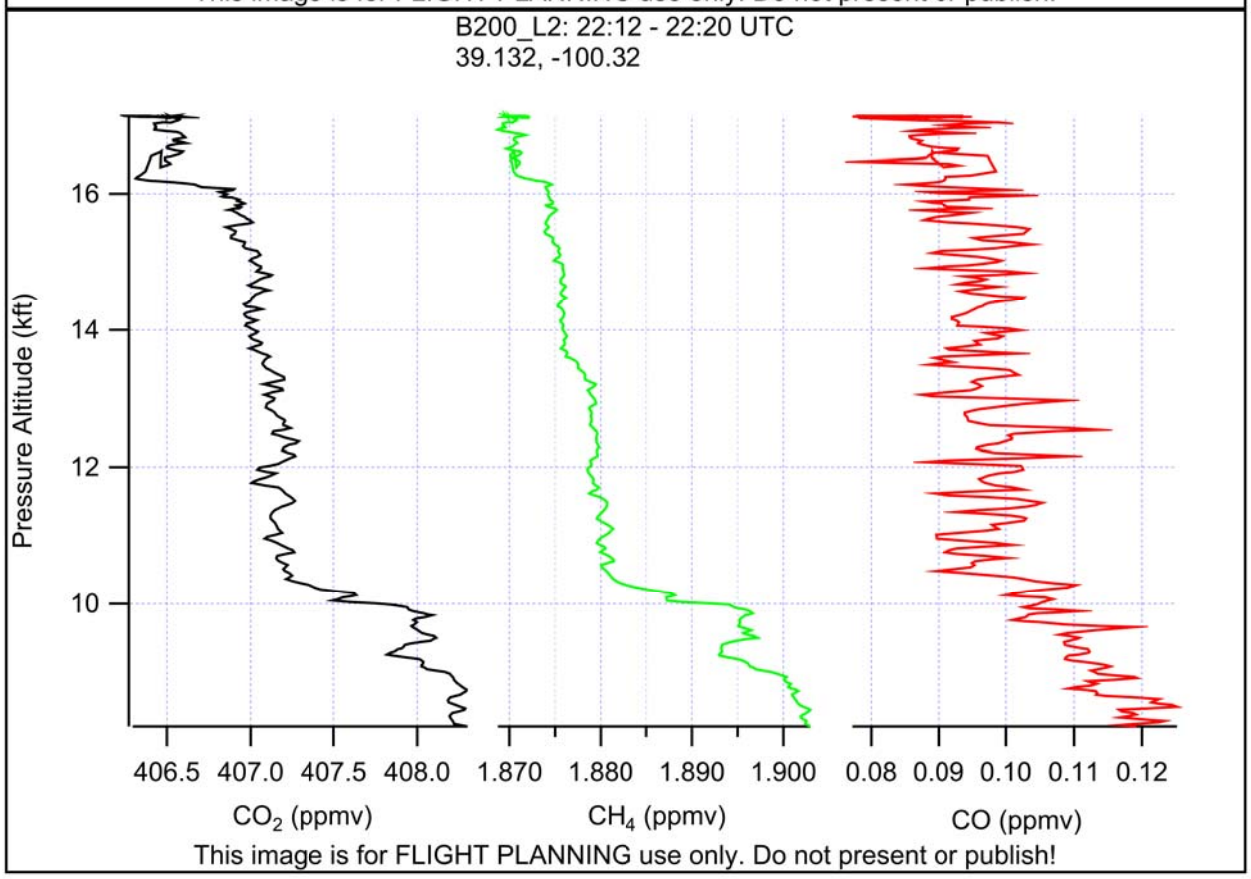
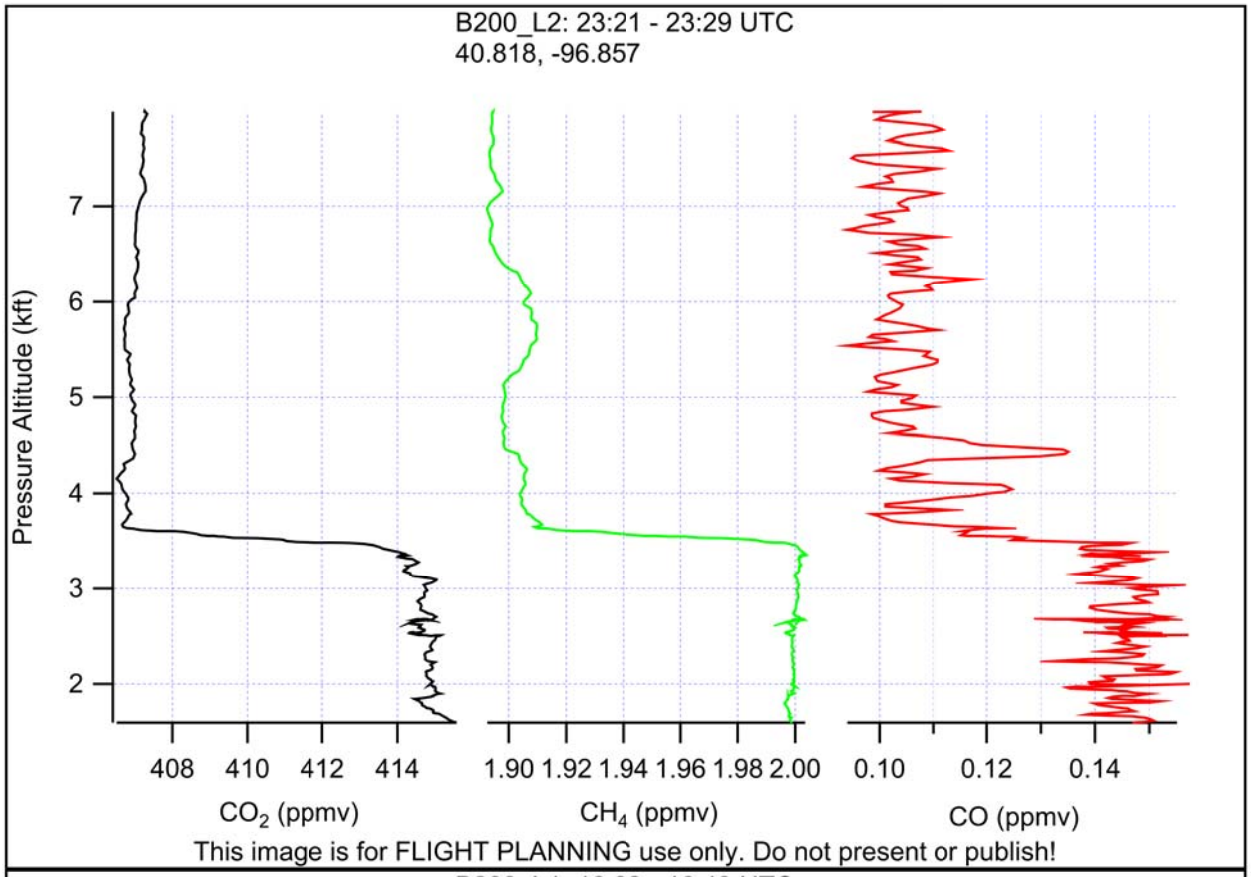
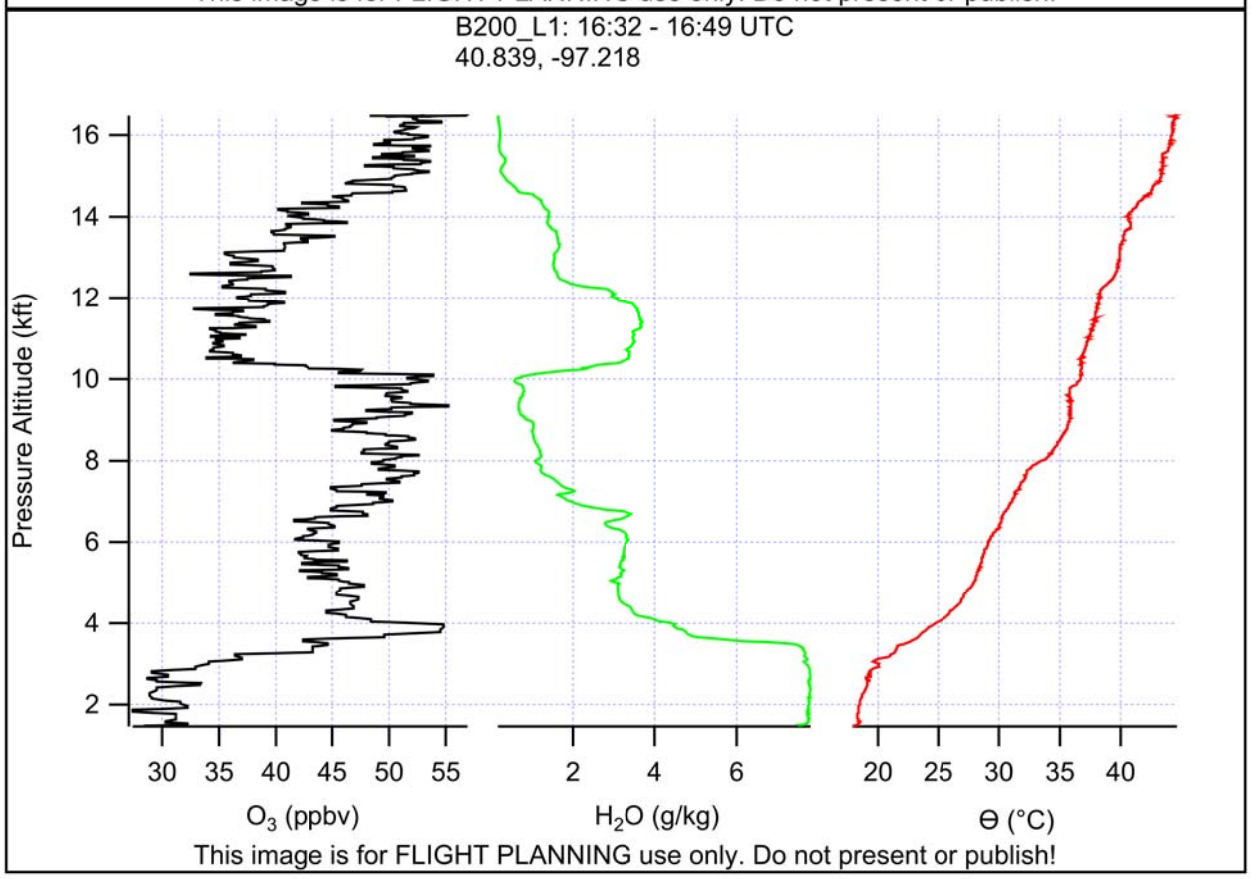

B200_L2: 20:34 - 20:37 UTC
39.349, -101.63
Pressure Altitude (kft)
7.5
7.0
6.5
6.0
5.5
5.0
4.5
411.2 411.6 412.0 412.4
CO2 (ppmv)
1.98 1.99 2.00 2.01
CH4 (ppmv)
0.125 0.130 0.135 0.140 0.145
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

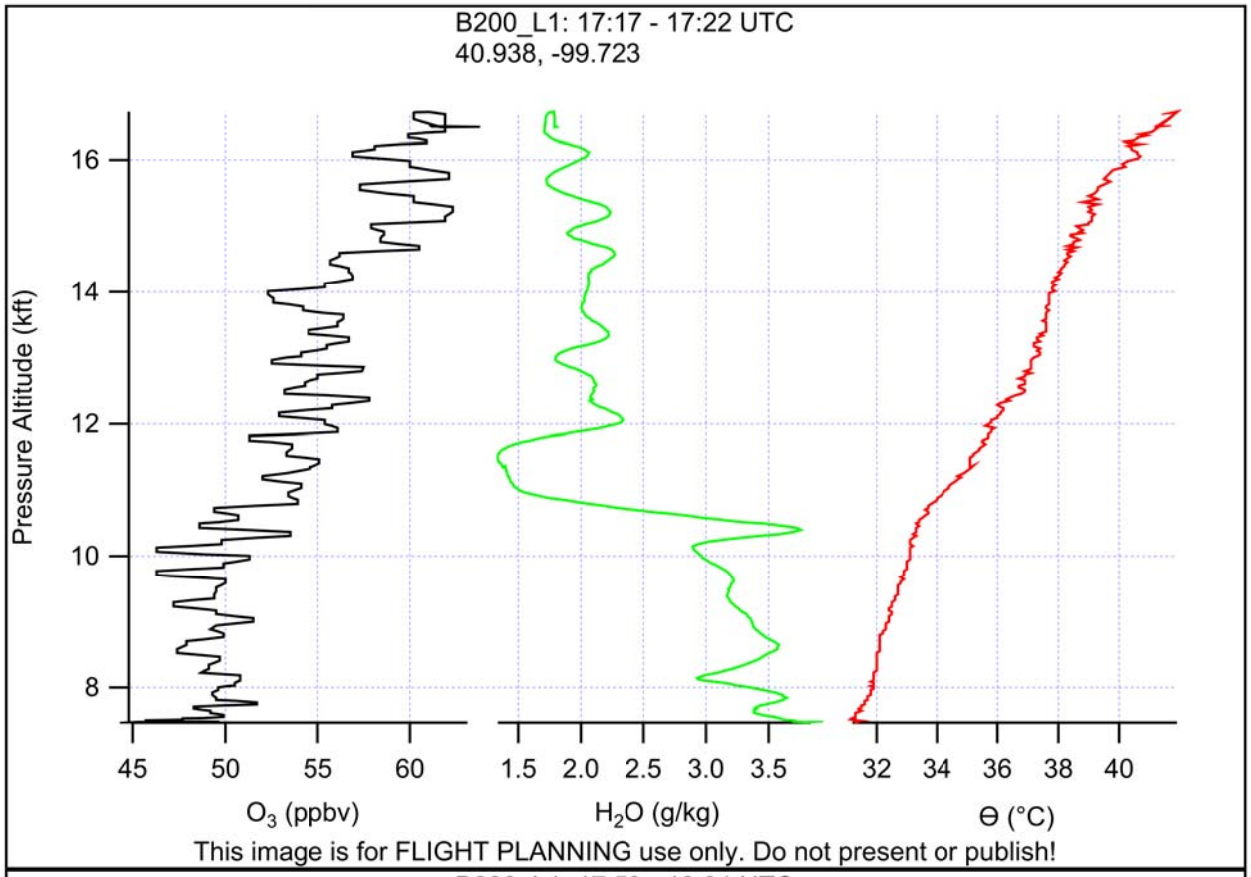

B200_L2: 20:44 - 20:48 UTC
39.155, -101
Pressure Altitude (kft)
8.0
7.5
7.0
6.5
6.0
5.5
5.0
410.2 410.4 410.6 410.8 411.0
CO2 (ppmv)
1.960 1.970 1.980
CH4 (ppmv)
0.125 0.130 0.135 0.140 0.145
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

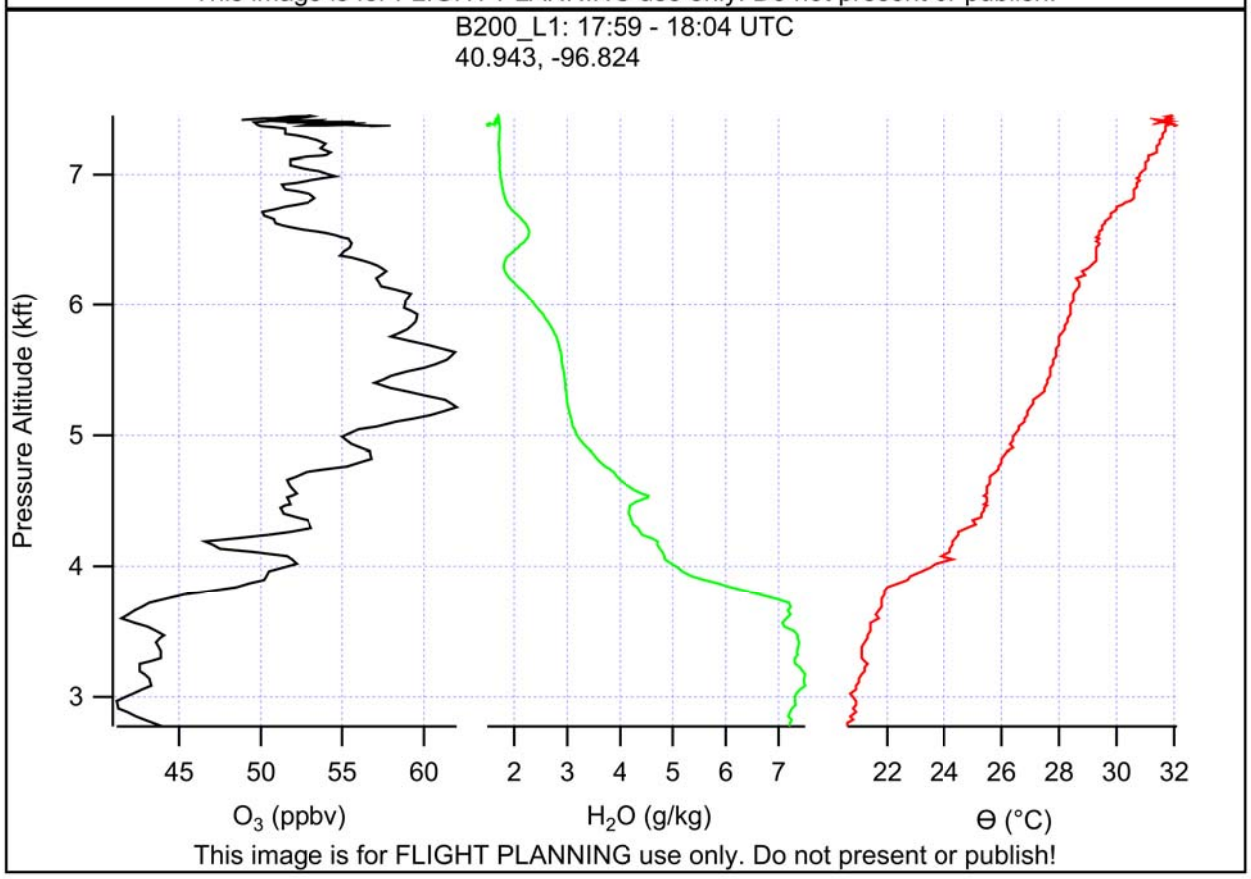

B200_L2: 21:33 - 21:45 UTC
38.965, -98.067
Pressure Altitude (kft)
16
14
12
10
8
6
4
408 410 412 414 416
CO_2 (ppmv)
1.90 1.95 2.00 2.05
CH_4 (ppmv)
0.08 0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

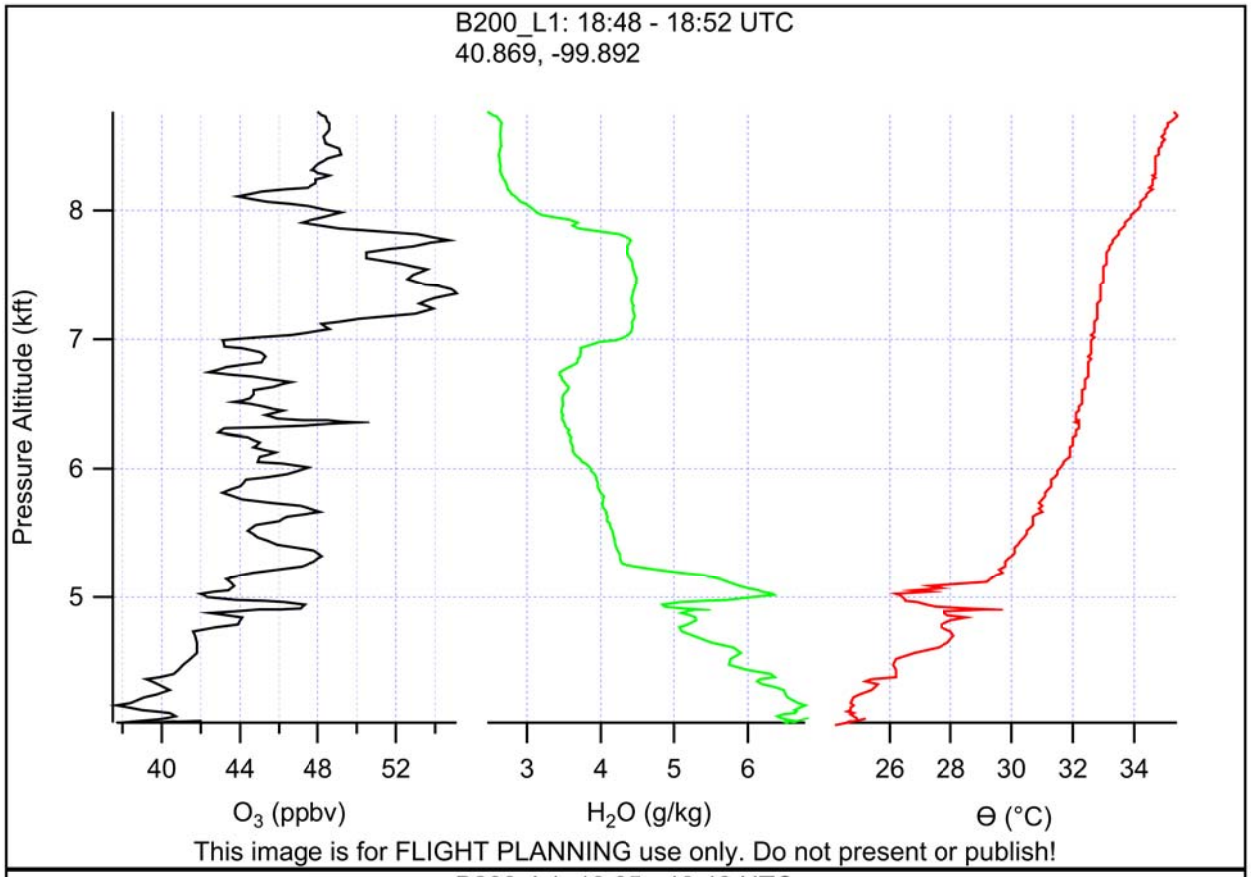

B200_L2: 22:12 - 22:20 UTC
39.132, -100.32
Pressure Altitude (kft)
16
14
12
10
406.5 407.0 407.5 408.0
CO_2 (ppmv)
1.870 1.880 1.890 1.900
CH_4 (ppmv)
0.08 0.09 0.10 0.11 0.12
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

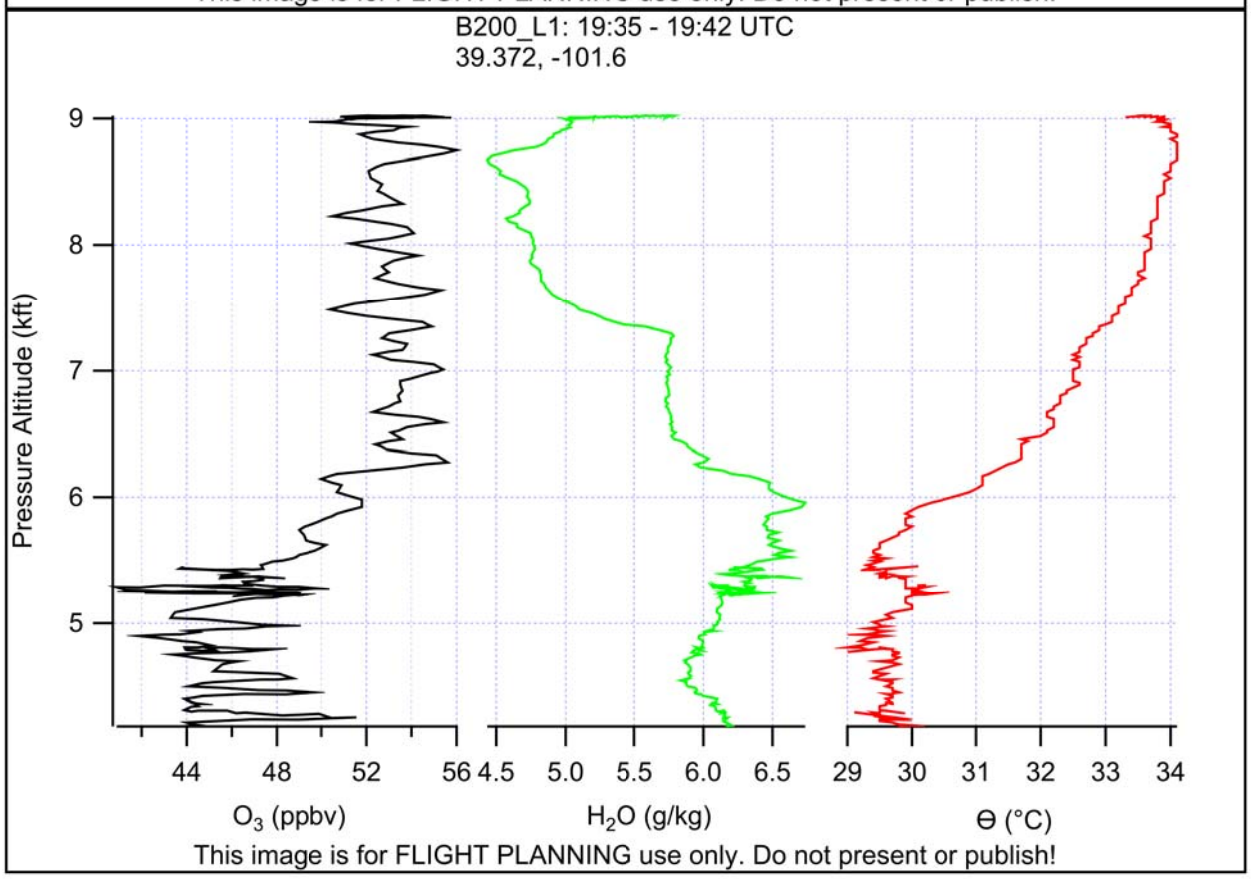

B200_L2: 23:21 - 23:29 UTC
40.818, -96.857
Pressure Altitude (kft)
7
6
5
4
3
2
408 410 412 414
CO2 (ppmv)
1.90 1.92 1.94 1.96 1.98 2.00
CH4 (ppmv)
0.10 0.12 0.14
CO (ppmv)
This image is for FLIGHT PLANNING use only. Do not present or publish!

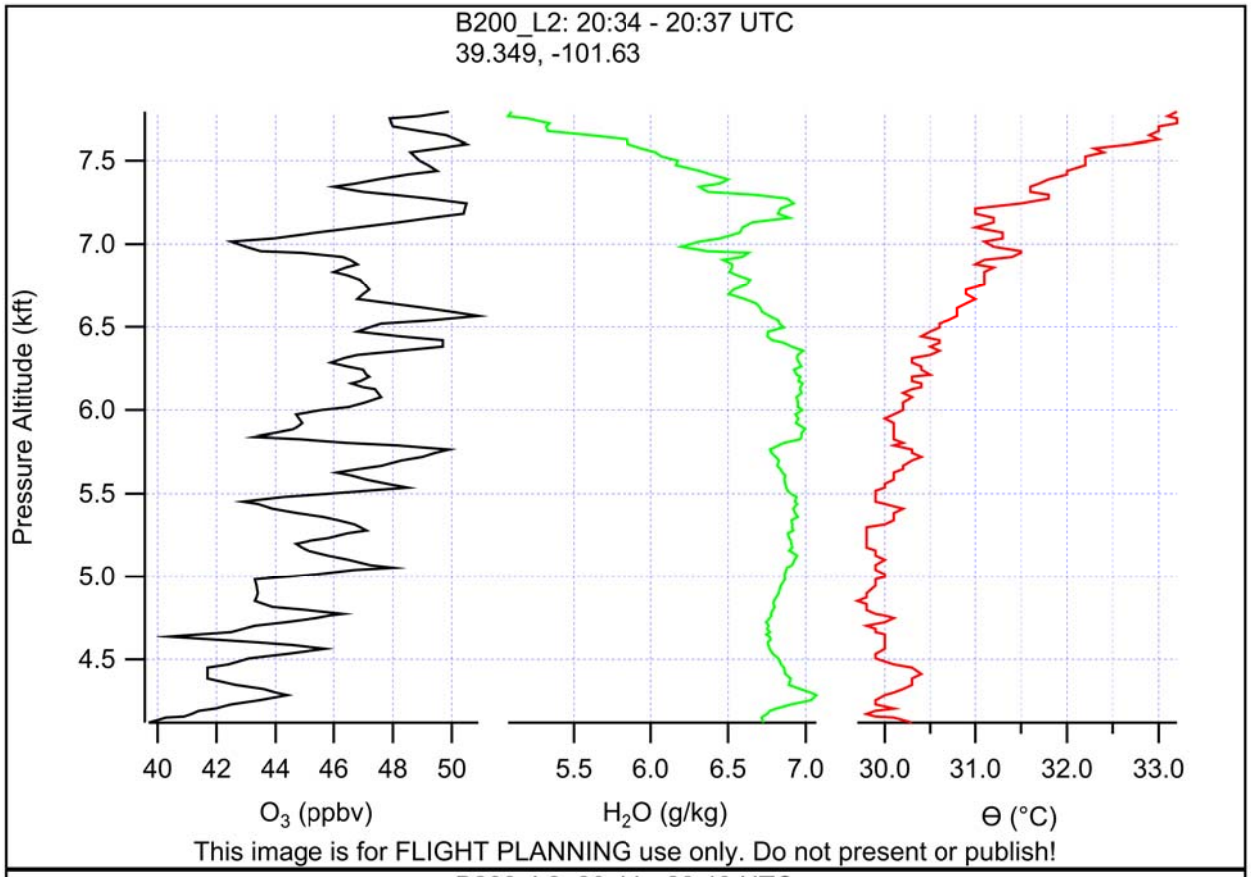

B200_L1: 16:32 - 16:49 UTC
40.839, -97.218
Pressure Altitude (kft)
16
14
12
10
8
6
4
2
30 35 40 45 50 55
O3 (ppbv)
2 4 6
H2O (g/kg)
20 25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

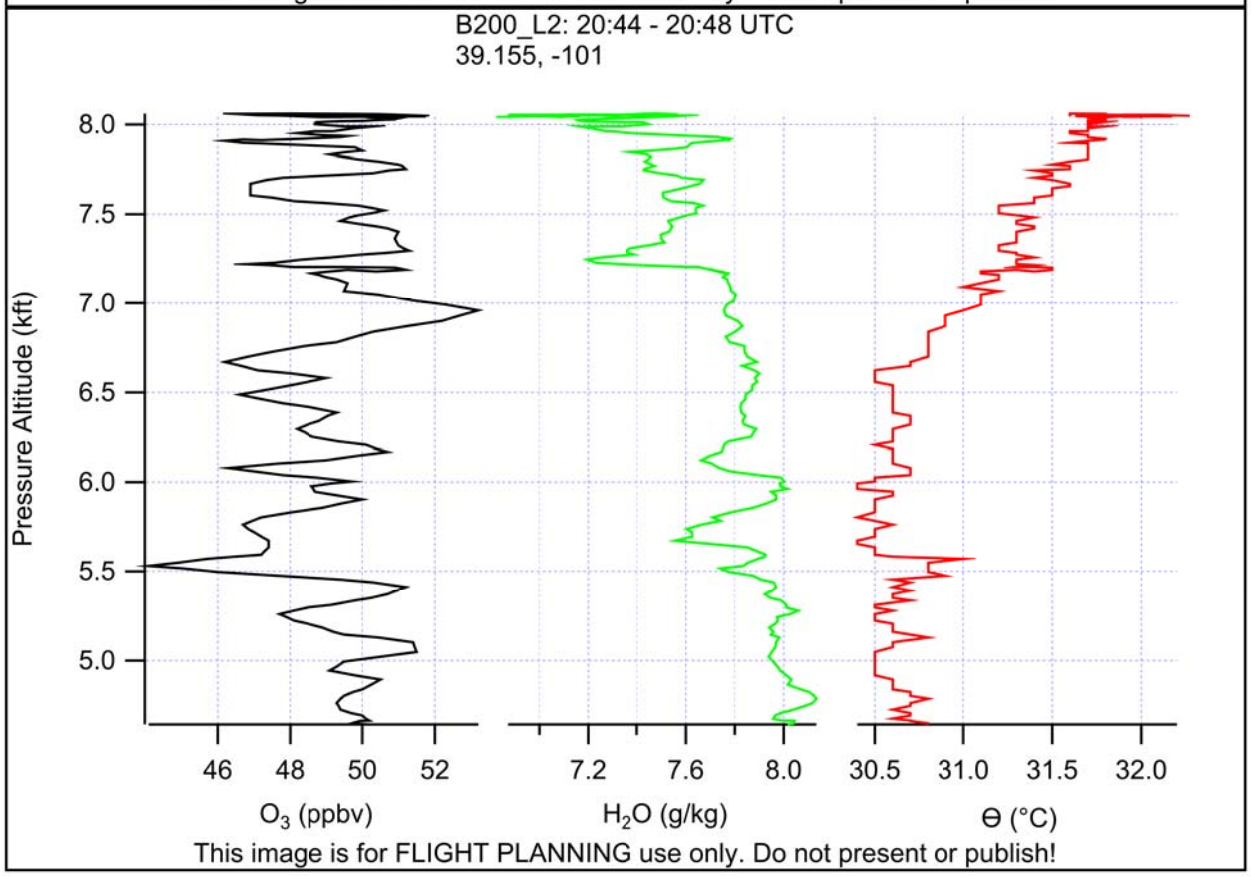

B200_L1: 17:17 - 17:22 UTC
40.938, -99.723
Pressure Altitude (kft)
16
14
12
10
8
45
50
55
60
O3 (ppbv)
1.5
2.0
2.5
3.0
3.5
H2O (g/kg)
32
34
36
38
40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

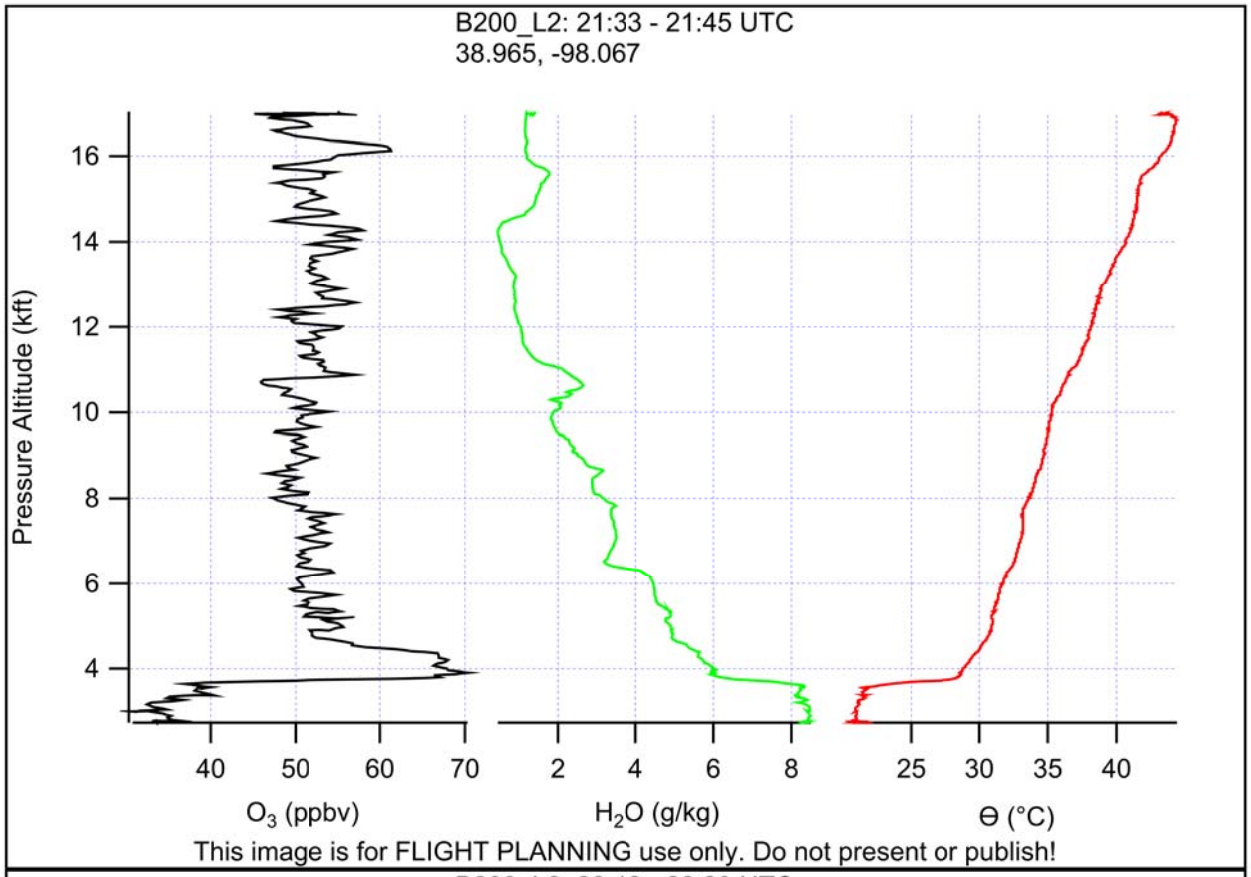

B200_L1: 17:59 - 18:04 UTC
40.943, -96.824
Pressure Altitude (kft)
7
6
5
4
3
45
50
55
60
O3 (ppbv)
2
3
4
5
6
7
H2O (g/kg)
22
24
26
28
30
32
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

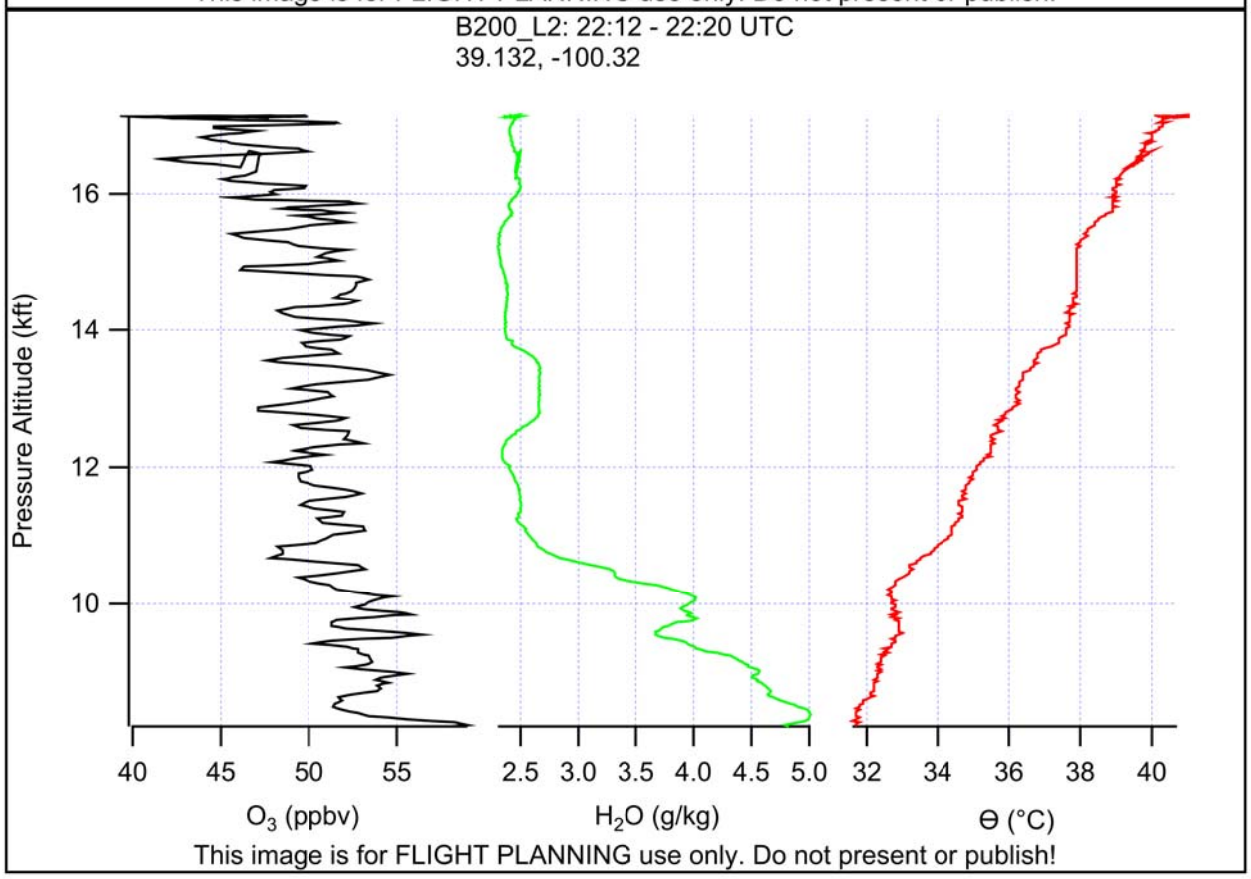

B200_L1: 18:48 - 18:52 UTC
40.869, -99.892
Pressure Altitude (kft)
8
7
6
5
40
44
48
52
O_3 (ppbv)
3
4
5
6
H_2O (g/kg)
26
28
30
32
34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!

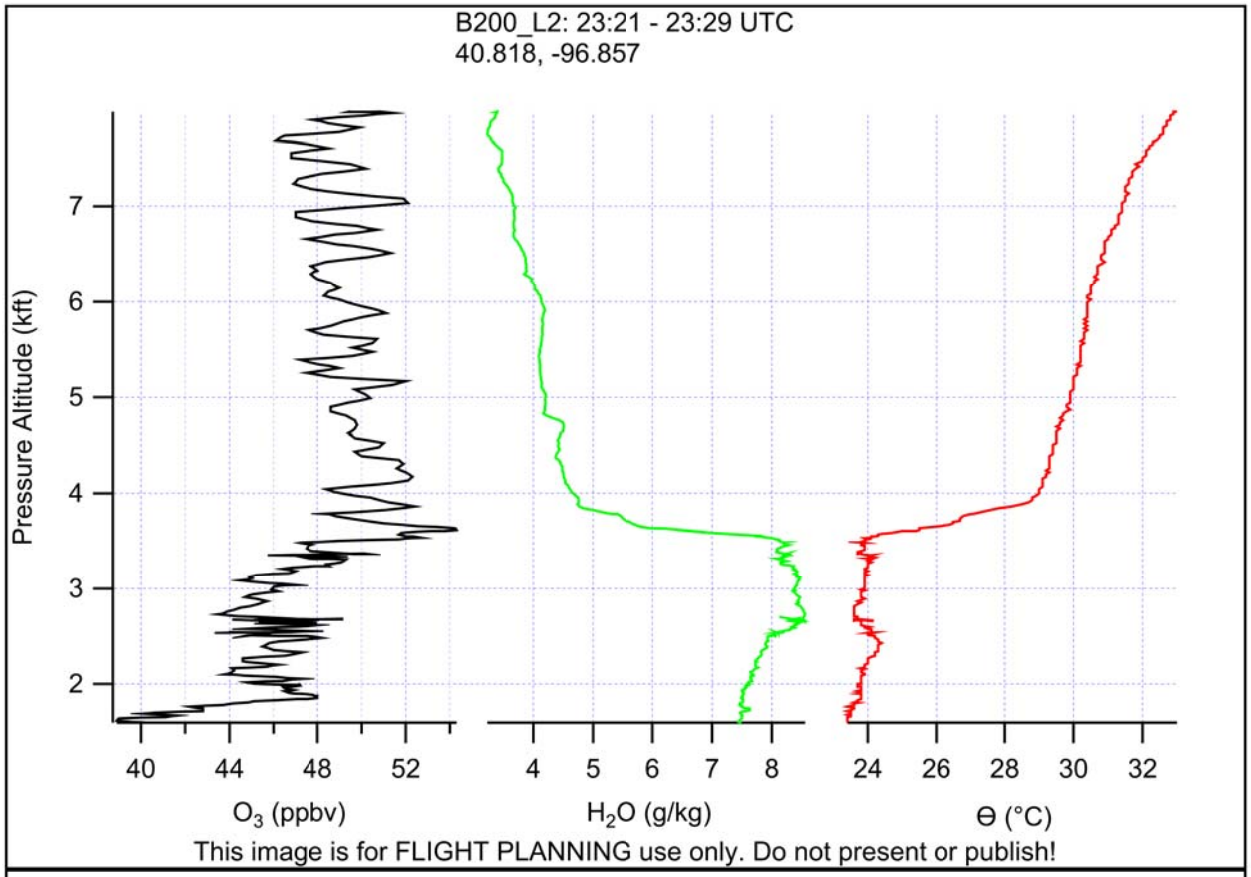

B200_L1: 19:35 - 19:42 UTC
39.372, -101.6
Pressure Altitude (kft)
9
8
7
6
5
44
48
52
56
O_3 (ppbv)
4.5
5.0
5.5
6.0
6.5
H_2O (g/kg)
29
30
31
32
33
34
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 20:34 - 20:37 UTC
39.349, -101.63
Pressure Altitude (kft)
7.5
7.0
6.5
6.0
5.5
5.0
4.5
40 42 44 46 48 50
O3 (ppbv)
5.5 6.0 6.5 7.0
H2O (g/kg)
30.0 31.0 32.0 33.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 20:44 - 20:48 UTC
39.155, -101
Pressure Altitude (kft)
8.0
7.5
7.0
6.5
6.0
5.5
5.0
46 48 50 52
O3 (ppbv)
7.2 7.6 8.0
H2O (g/kg)
30.5 31.0 31.5 32.0
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 21:33 - 21:45 UTC
38.965, -98.067
Pressure Altitude (kft)
16
14
12
10
8
6
4
40 50 60 70
O3 (ppbv)
2 4 6 8
H2O (g/kg)
25 30 35 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 22:12 - 22:20 UTC
39.132, -100.32
Pressure Altitude (kft)
16
14
12
10
40 45 50 55
O3 (ppbv)
2.5 3.0 3.5 4.0 4.5 5.0
H2O (g/kg)
32 34 36 38 40
Θ (°C)
This image is for FLIGHT PLANNING use only. Do not present or publish!


B200_L2: 23:21 - 23:29 UTC
40.818, -96.857
Pressure Altitude (kft)
7
6
5
4
3
2
40
44
48
52
O_3 (ppbv)
4
5
6
7
8
H_2O (g/kg)
24
26
28
30
32
Θ (°C)
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